

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_115418
Title of the Manuscript:	A Low-Cost Smart Wearable Glove for Non-invasive Health Monitoring
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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the manuscript is important for the scientific community as it introduces a cost-effective wearable health monitoring glove capable of tracking various vital physiological indicators non-invasively. With a user-friendly interface and energy-efficient design, it promises seamless integration into daily life, offering continuous monitoring and aiding in early health issue detection. Its versatility extends to healthcare, fitness tracking, and research, with collaborative efforts towards regulatory approvals and scalability for potential mass production, making it a significant contribution to accessible personal healthcare and research advancement.</p> <p>Yes, the title "A Low-Cost Smart Wearable Glove for Non-invasive Health Monitoring" is suitable. It summarises the device's cost, smartness, wearability, and non-invasive health monitoring. The title clearly expresses the study and what readers may expect to learn from the publication.</p> <p>Yes, the abstract of the article is comprehensive. The necessity of wearable physiological monitoring systems, cost-effectiveness, and the wearable health monitoring glove's ability to track critical physiological markers are covered in the study summary. The abstract emphasises the user-friendly interface, energy-efficient design, real-time data monitoring, and non-invasive sensor integration. It also includes healthcare, fitness monitoring, research, and regulatory collaboration for approvals and scalability. Research substance and importance are well summarised in the abstract.</p> <ol style="list-style-type: none"> 1. Introduction section may be improved by including background information, the significance of the research, and outlines the objectives or aims. 2. Literature Review section may be enhanced to discuss relevant prior research and establish the context for the current study. 3. Methodology section should detail the methods and procedures used in the research, including information on the design of the wearable glove, sensor integration, data collection methods, and any relevant protocols. 4. The results section should present the findings of the study in a clear and organized manner, often using tables, figures, and descriptive text. 5. In the discussion section, the authors should interpret the results, compare them to previous research, discuss implications, and address limitations or future directions. 6. The conclusion should summarize the key findings of the study and reiterate its significance, often including suggestions for future research or practical applications. <p>Additionally, the manuscript may include subsections within these main sections to further organize and clarify the content.</p> <p>Yes, details shared in the manuscript is scientifically valid</p> <p>30-35 recent references are to be included</p> <p>-</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	

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Optional/General comments	Introduction and Literature survey section have been improved	
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PART 2:

	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)
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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