

**Review Form 1.7**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_113901</b>
Title of the Manuscript:	<b>Design, Simulation, Building, and Testing of a Microcontroller-Based Automatic Drowsiness Detection and Alert System</b>
Type of the Article	<b>Method Article</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. The manuscript is essential for the scientific community as the invention could help lower the statistic of deaths caused by drowsy or fatigued drivers.</p> <p>2. It is suitable, but since the overall studies involved the automatic braking system, it would be appropriate to mention it in the title.</p> <p>3. Yes.</p> <p>4. In section 5, the subsection from 5.1 - 5.10 looks slightly inappropriate, with "In this task" or "In this work" at the beginning of the sentence. I suggest trying to make it in the bullet point and continue the description after the colon. For example:</p> <ul style="list-style-type: none"> <li>• <b>Raspberry Pi 3:</b> A single-board computer with a quad-core ARM Cortex-A53 processor, 4 GB of RAM, Wi-Fi, Bluetooth connectivity, and various ports for peripherals. It was selected for our work because of its small size and low power consumption.</li> </ul> <p>5. Yes.</p> <p>6. The references are up to date. However, adding 1 or 2 publications from 2024, mainly in the literature review section, would be better.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. The language used is acceptable.</p>	
<p><b>Optional/General</b> comments</p>	<p>1. Even though the authors introduced the PWM on the first usage in the abstract, it is a good practice to introduce it again if/when it appears in the document's main body. Additionally, the abbreviation of RPM was not introduced on the first usage. Please check on it and other abbreviations, too. After each definition and introduction of the abbreviated forms, the author can continue to use the abbreviation in the remainder of the text.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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