

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_115862
Title of the Manuscript:	Portable Air Quality Detector Using DSM501A Dust Sensor and Arduino Uno
Type of the Article	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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Compulsory REVISION comments:</p> <ul style="list-style-type: none"> • The manuscript is important for the scientific community as it presents a practical and affordable solution for air quality monitoring, which is crucial for public health and environmental awareness. • The title of the article is suitable as it clearly reflects the content of the manuscript. • The abstract provides a comprehensive overview of the research, highlighting the aim, methodology, results, and conclusion effectively. • The subsections and structure of the manuscript are appropriate, providing a clear organization of the content. • The manuscript appears to be scientifically correct, as it presents a detailed methodology, results, and discussion based on the implementation and testing of the portable air quality detector. <p>The references provided are sufficient and recent, covering relevant literature in the field of air quality monitoring and IoT-based systems. However, I suggest considering adding references related to the development and use of DSM501A dust sensor and similar IoT-based air quality monitoring systems.</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>Optional/General comments</p>	<p>Overall, the manuscript provides valuable insights into the development of a portable air quality detector using Arduino Uno and DSM501A dust sensor. The authors have effectively addressed the objectives of the study and provided thorough explanations of the methodology, results, and discussions. The suggested improvements would enhance the clarity and completeness of the manuscript, contributing to its overall quality and impact in the scientific community.</p> <p>PART 1: The language and English quality of the article are suitable for scholarly communications. However, minor grammatical and typographical errors can be corrected for improved clarity.</p> <p>PART 4: Objective Evaluation: Overall marks: Minor Revision is 9</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>	

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