

**Review Form 3**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_120344</b>
Title of the Manuscript:	<b>Design and Implementation of a Cooking Gas Gauging System using STM32F411CEU6 Microcontroller</b>
Type of the Article	

### Review Form 3

#### **PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	This manuscript describes research findings to help others learn to use STM32F411CEU6 Microcontroller for controlling cooking gas gauging system. This is another option to solve basic household problems. The system is not complicated to design and build. Moreover, it is easy for users to use.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, it is.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, it is.	
Are subsections and structure of the manuscript appropriate?	Yes, it is. In Methodology part, author should describe overall structure of the system rather than give a basic detail of each tool.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	This manuscript mentions about STM32F411CEU6 Microcontroller for controlling cooking gas gauging system. IoT is also used in this research. There are some equations for circuit analysis of gauging system.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	Yes, it is.	
Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	Yes, it is. However, please check and correct some grammatical mistakes and misspelled words.	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>- Review more researches about cooking gas gauging system using MCU, IoT and solar panel.</li> <li>- Give the reasons of choosing method/technique to design your system.</li> <li>- This type of work is not a newly invented system. How is this designed system different from other researches? What is the outstanding of this system?</li> <li>- Give the reasons of choosing each equipment used in the designed system.</li> <li>- Give more evidences and results to support that your system is constructed and tested.</li> <li>- How do you know that the obtained and displayed values from your system are accurate?</li> <li>- Have you compared the measured values from your system with the measured values from other tools/systems?</li> <li>- How many samples/times that the system was operated in the test?</li> </ul>	

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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>	

**Reviewer Details:**

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