

## Review Form 1.6

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	Ms_CJAST_76580
Title of the Manuscript:	DEVELOPMENT OF AN AUTOMATIC SOLAR-DRIVEN HAND SANITIZING SYSTEM (AHSS) USING PROXIMITY
Type of the Article	

### **General guideline for 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>Compulsory</b> REVISION comments	<p>The above article deals with a <b>Development of an automatic solar-driven hand sanitizing system (AHSS) using proximity</b>. I recommend the manuscript for publication after some adjustments have been taken into account.</p> <p>1) First, before methodology (in introduction section) the authors must talk about their guiding idea and their contribution, through this work, to what was stated previously.</p> <p>2) Authors should avoid repetition:</p> <p>“Contagious nature of various infections and diseases necessitated frequent handwashing to reduce rate of contamination with surfaces and spread from person to person. The need to contain the spread of COVID-19 necessitated the development of an Automatic Hand Sanitizing System (AHSS).”</p> <p>“The sensor of the proximity sensors senses an approaching hand immediately the hand comes within the range of the sensor.”</p> <p>3) Some paragraphs need to be rephrased:</p> <p>“World Health Organization (WHO) gave the term 2019 novel corona-virus to refer to a coronavirus that affected the lower respiratory tract and affected the lower respiratory tracts of patients with pneumonia in globally.”</p> <p>“Infecting of the hand is majorly by touching virus prone surfaces which cannot be avoided as handling of money, holding of handrails, touching of taps, touching of door handles in public places, use of Automatic Teller Machines (ATM), sitting in public transport etc cannot be totally avoided.”</p> <p>“Community transmission of communicable diseases is having an increased transmission”</p> <p>4) The sensitivity to sunlight as well as the response to any object present to proximity are points that should be discussed in the discussion and not the conclusion. Therefore, the authors should deepen their discussion of the results by including the gaps in their s</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	<p>I find that waiting 11.26 s to disinfect our hands is a waste of time. Is there a solution you suggested in order to improve the system and shorten the time?</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>	

**Reviewer Details:**

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