

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_107356
Title of the Manuscript:	DESIGN AND DEVELOPMENT OF ARDUINO BASED SEED SOWING MACHINE
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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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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>Design of micro-controller based sowing machine could potentially save seed, time.</p> <p>Need to modify title</p> <p>Need to modify abstract</p> <p>Yes</p> <p>Yes</p> <p>No: only three references given in the text, however those references not mentioned at references cited. 11 references given at references cited , however none of them mentioned in the text.</p> <p>No design / technical information given. Not mentioned about experimental procedure, design, statistical analysis(ANOVA). Design/ specification diagram is MUST No circuit diagram/ algorithm given for microcontroller(Arduino) In text IR sensor mentioned (where IR sensor used?) How field capacity, field efficiency, sowing depth, mechanical damage, missing index, multiple index were measured? No where given procedure</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Need to improve sentence formation, Fragmented sentences observed</p>	
<p>Optional/General comments</p>		

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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