

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_118899
Title of the Manuscript:	Structure design and analysis of welding robot manipulator
Type of the Article	

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The author has presented the design and working of a welding robot guided by pneumatic source. The various movements of the manipulator are controlled accurately by a pneumatic drive system. The author has explained the same. In this view, the manuscript seems significant for the scientific community.</p> <p>Yes</p> <p>Yes</p> <p>The sub-sections need to be highlighted at certain places. The overall structure is fine.</p> <p>It is not clear how the author has calculated the force required to hold the welding torch at desired position and at the desired speed.</p> <p>The References are sufficient and recent.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language/ English quality of the article is not appropriate for scholarly communications. There are various sentences whose meanings are not clear. The author must re-work on the language of the manuscript. Furthermore, formatting needs to be done.</p>	
<p>Optional/General comments</p>	<p>Please refer to the manuscript copy attached along with this form. Certain segments are highlighted in the manuscript. The segments highlighted in 'yellow colour' need to be reframed as their meaning is not clear. On the other hand, the segments highlighted in 'green colour' are added by the reviewer as a part of editing. These may be retained. Some phrases are struck out to make the sentences meaningful. Comments are added at few places. The author must work upon them.</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>	

Reviewer Details:

Name:	Natraj Mishra
Department, University & Country	Adamas University, India