

## Review Form 1.6

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_81018
Title of the Manuscript:	Flexible Joint Robotic Manipulator Performance Improvement Using Mixed Synthesis Technique
Type of the Article	Research Paper

### 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.journaljerr.com/index.php/JERR/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>• Abstract poorly written</li> <li>• Discussion on degree of freedom not clear</li> <li>• Literature review not presented well in literature section</li> </ul>	
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>• Some aspects like sequence of operation, activeness or passiveness of joints need to be illustrated</li> <li>• Reference figure for derived equations 5,6 7 should be clearly mentioned before its appearance</li> <li>• How will mixed synthesis improve system performance in flexible joint manipulator? (Elaborate: Page 5 First Paragraph)</li> <li>• System stability yet not emphasised much</li> </ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>• The paper presents analytical model and simulation results but no hardware development is discussed or reported.</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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