

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_124472
Title of the Manuscript:	Performance comparative analysis of PID and Sliding mode controller in speed control of Induction Motor Drive with intermittent loading
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Good: The manuscript was channel toward the performance of induction motor speed control with intermittent load using PID and SMC controllers. The manuscript is robust and solidified enough, considering the variable speed with constant torque both on No Load and on Load. The conclusion of the work was based on the performance metrics and compared with the existing techniques.</p> <p>SEE ATTACHMENT</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Partially: (The comparative analysis of PID controller and sliding mode controller for induction motor speed control with intermittent load)</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Partially: Suggestions has been highlighted in the manuscript</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Partially: The candidate should look into the journal template properly and arrangement the subsection accordingly</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>Good: The manuscript is scientifically robust due to the variable speed with the torque constraints, performance metrics and comparative analysis controllers. The technically of the work was shallow, there are no Simulink model to justify your sensitivity results. Also, all your Figures are not in the same front size, and most of your mathematical equations look like copy and paste. You need to re-type using Equation editor. Your conclusion is not well written. Kindly recast to meet the journal standard.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Good: The references were in good format and they are up to dates</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Good: The English quality were satisfactory and suitable for scholarly communication</p>	
<p>Optional/General comments</p>	<p>The manuscript is satisfactory. The author's should effect the necessary comments for suitable publication</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:	Ojo Kayode Ebenezer
Department, University & Country	Lead City University, Nigeria