



**SDI Review Form 1.6**

Journal Name:	<b><u>British Journal of Applied Science &amp; Technology</u></b>
Manuscript Number:	<b>Ms_BJAST_31652</b>
Title of the Manuscript:	<b>Parametric Investigation and Optimization of the Newly Developed Pant Loading Ramp Machine</b>
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://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<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><u>Compulsory</u></b> REVISION comments		
<b><u>Minor</u></b> REVISION comments	<ol style="list-style-type: none"> <li>1. In introduction chapter, it is better discuss about Loading Ramp Machine, then go for literature review and objective.</li> <li>2. Define the terms RSM, ANOVA, RPE, TCCW, AWHR etc before using.</li> <li>3. It is understood that authors used RSM, in which Box Benhken design is adopted. For 3 factors and 3 levels, it should be 20 experiments, please check ( authors had done 17 experiments).</li> <li>4. What is the confidence level consider ( is it 90%), if so what is the standard F-value.</li> <li>5. The signifance of contour plots is not properly discussed.</li> <li>6. Conclusion chapter is very week. Please improve it on discussing regarding effect of input and output factors, % contribution, optimal input combination, dominating factor etc.</li> <li>7. All the reference cited are very old. Please add latest references above 2010.</li> </ol>	<p>Loading ramp machine was discussed first then literature and objectives are given .</p> <p>Terms like. RSM, ANOVA, RPE, TCCW, AWHR etc have defined</p> <p>Only 17 experiments were conducted, F values are shown in tables</p> <p>Significance is written, Conclusion chapter has been corrected, New references were added</p>
<b><u>Optional/General</u></b> comments		