SDI Review Form 1.6

Journal Name:	**British Journal of Applied Science & Technology**
Manuscript Number:	**Ms_BJAST_31652**
Title of the Manuscript:	**Parametric Investigation and Optimization of the Newly Developed Pant Loading Ramp 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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)*
Compulsory REVISION comments		
Minor REVISION comments	1. In introduction chapter, it is better discuss about Loading Ramp Machine, then go for literature review and objective. 2. Define the terms RSM, ANOVA, RPE, TCCW, AWHR etc before using. 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). 4. What is the confidence level consider (is it 90%), if so what is the standard F-value. 5. The signifance of contour plots is not properly discussed. 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. 7. All the reference cited are very old. Please add latest references above 2010.	

Reviewer Details:

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