

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_78407
Title of the Manuscript:	Surface Roughness Characterization for Stress Concentration Factor Predictions: A Machine Learning Approach
Type of the Article	Original Research

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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. The abstract the machine learning techniques used in the study should be mentioned and also the accuracy and stability values should be mentioned in the abstract as well. Then the authors should follow the format of background, problem, methods, result and conclusion 2. The arrangement of the remaining part of the paper should be presented in the last paragraph of the introduction. 3. The study lacks discussions of related works, the authors should therefore include it. 4. There are lots of grammatical and punctuation errors and then a grammar or English expert is suggested to be used to make the paper better in reading and understanding. 	
Minor REVISION comments	The author needs to state and discuss about the dataset used for the simulation of the study	
Optional/General comments	<p>The paper needs to be restructured for better understanding. I will suggest the authors follows this:</p> <ul style="list-style-type: none"> • Introduction • Literature review • Material and Method • Results and Discussion • Conclusion 	

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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:	<i>Ogundokun Roseline Oluwaseun</i>
Department, University & Country	<i>Landmark University Omu Aran, Nigeria</i>