



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2015_BJAST_17442
Title of the Manuscript:	A Three Dimensional Finite Element Analysis for Contact Stress and Fatigue near the Fir-Tree Region in a Gas Turbine Blade
Type of the Article	Original Research 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.

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PART 1: Review Comments

	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>
<u>Compulsory</u> REVISION comments	Conclusion last Paragraph: Page 10 lines 251-256: The fatigue life for different rotor speed indicates that the model with a 15° contact angle exhibits a higher resistance to failure. Considering a threshold of 10⁰ cycles, the maximum speed attainable by the model with 15° contact angle is much higher than the other models. Comments: There is no comparison at a threshold of 10⁰ cycles, what is the maximum speed attainable by this model vis-à-vis other models <i>instead of writing</i> the maximum speed attainable by the model with 15° contact angle is much higher than the other models. Thus conclusion needs to be modified accordingly.	As per the reviewers feedback, conclusion modified with relevant details.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	Article is well structured and gap of work is also defined. It appears to be good article and can be considered for publication after incorporating revision as suggested.	