

**Review Form 3**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_120228</b>
Title of the Manuscript:	<b>A Short Review Of Yttria-Stabilized Zirconia (YSZ) for Thermal barrier coatings: Recent Progress</b>
Type of the Article	

### Review Form 3

#### **PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	The research topic is quite generous however it a very good intention on reviewing the development of the TBC and YSZ. YSZ has so many useful in science and engineering applications where it can be explore more with various review of synthesizing the materials of YSZ.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is OK	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	Abstract is well explained but kindly double check on minor grammar error and format	
Are subsections and structure of the manuscript appropriate?	Please numbered the section accordingly based on the Journal format. In application part, I believe there is more application applied using YSZ TBC. The review on the application of YSZ-TBC is not enough. At Introduction – author mention application in dental and medical however in Application of TBC – for engine craft. Add some informations on YSZ-TBC application as state in title.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	Each of the section and structured are poor cited with only 1 reference. Even though this is Short Review, it can not be too short. Add 1 or 2 more recent references to support your statement in each part e.g: mechanical properties (2.1, 2.2, 2.3 etc) and advances in YSZ coating (3.1, 3.2 etc).	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	Please correct and checked some of references are not cited. The format of reference written is very poor! The way author wrote the references is not consistent? Please check and follow the journal format of reference!	
<u>Minor</u> REVISION comments  Is language/English quality of the article suitable for scholarly communications?	Too many errors in typing and grammar please do some proofread or spelling checked.	
<u>Optional/General</u> comments	This very poor written and prepared manuscript. The Author needs to show some more dedication in presenting the paper well in term of format, grammar, simple typing error, journal format and so on. Review found that is kind of disturbing reading with unprepared manuscript. You can see in the manuscript, author didn't check properly the spacing between sentence, capital letter of subsection and even references are very poor written. Check and amend on that.	

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**PART 2:**

	<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>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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