



SDI Review Form 1.6

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_35542
Title of the Manuscript:	Thermoluminescence Characteristics of Natural Quartz and synthesized Silica Glass Prepared by Sol-Gel Technique
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.

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		
Optional/General comments	<ol style="list-style-type: none"> 1. Why the natural quartz is in crystalline nature And synthesized quartz is amorphous 2. The synthesized quartz agrees JCPDS data? 3. How the authors conforms the synthesized quart is amorphous only due to peak shifting 4. In Fig.3, the authors explained typical GL curves of natural (a) and prepared (b), but 'a' is not mentioned in the curve 	<ol style="list-style-type: none"> 1. Because, typical XRD of a natural quartz shows sharp peaks and two sharp TL-peaks confirmed that the crystalline phase, on other hand the absence of any sharp peak in the XRD spectrum of synthesized quartz. A broad peak is typical of amorphous materials and the glow curve have two broad peaks also confirmed that the material is amorphous. 2. Yes. 3. Not only. IN addition to above (in no. 1). 4. Done.