



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Materials Science Research and Reviews</a>
Manuscript Number:	Ms_JMSRR_64867
Title of the Manuscript:	Potential Use of Modified Derivative of Chitin and Chitosan on Precious Metal Recovery: A Review
Type of the Article	Review 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/journal/10/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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. As an adsorbent the modified form of chitosan separates the precious metals. Since scope of the paper is to review the recovery of precious metals, is there any possibility for the regeneration of the adsorbent to recover the adsorbed metal ion?</li> <li>2. The applications of chitin and chitosan have been discussed mainly as an adsorbent. The authors can also review other separation processes for the recovery of precious metals by using chitin and chitosan derivatives. For example application of water soluble derivatives of chitosan in complexation ultrafiltration for the separation of metal ions.</li> <li>3. Some highlight of future research opportunities should have been explained in conclusion to give clear insight into the applications of chitin and chitosan for the recovery of precious metals.</li> </ol>	
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"> <li>1. The English language of the manuscript should be improved.</li> </ol>	
<b>Optional/General</b> comments		



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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>	

**Reviewer Details:**

Name:	<b><i>E. Kavitha</i></b>
Department, University & Country	<b><i>SRM Institute of Science and Technology, India</i></b>