



SDI Review Form 1.6

Journal Name:	<u>International Research Journal of Pure and Applied Chemistry</u>
Manuscript Number:	2013_IRJPAC_5890
Title of the Manuscript:	Removal of Fe(II) from Aqueous Solution by Maize Stalks as a Cheap Biosorbent
Type of the Article	Research Paper

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>)



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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)
<u>Compulsory</u> REVISION comments	• The title in this Fig. 6. Effect of stirring speed on the removal of Fe (II) by maize stalks, to be corrected for the effect of temperature and not the time. • The analytical data like elemental analysis, % moisture and the pore size of maize stalks. needed along with FTIR & TGA to support the kinetic and thermodynamics data to claim for physisorption is mechanism for Fe (II) removal. • The reason to choose the adsorbent dose as 2g/L and not 3 or 4g/L as mentioned Fe (II) removal increases linear with dose up to 6g/l of maize stalks.	- done - - These experiments were done before examining the effect of the adsorbent dose.
<u>Minor</u> REVISION comments	The reference in past two years needs to be added like 2012 and 2013 yrs.	- Ref. 10 and 13 were replaced by recent references (2013).
<u>Optional/General</u> comments	Paper can be accepted after above mentioned revision	