



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_5765
Title of the Manuscript:	Comparative Studies of isotherm and kinetics on the Adsorption of Cr(VI) and Ni (II) from Aqueous Solutions by Powder of Mosambi Fruit Peelings
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		
<u>Minor</u> REVISION comments	1. -The authors must use SI unit in the text (Sometimes they used "lit" or "L" instead of liter) ----- 2. -Discussion needs to describe the significance of research findings and how useful it is for design of pilot scale or field scale reactors. ----- -	1.DONE L used for liter in the whole text Modified ----- -DONE 2. Extensive research was in progress in Department of Chemistry, University of Toronto, Ontario, Canada regarding the results obtained from Batch adsorption tests like physico-chemical key parameters, initial metal ion concentration, pH, agitation time, particle size ,adsorbent dosage, adsorption isotherms and adsorption kinetics etc. in the direction of pilot- scale reactor operation for removal of heavy metals from the aqueous solutions and contaminated fields.



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	3.The authors did not provide a comparison of their results to the removal of the same compounds by other organic sorbents. It would be interesting to compare Mosambi fruit peelings with other adsorbent materials from literature in order to improve the paper discussion. Final decision:Re-review is necessary. It is acceptable.	----- DONE 3-There is no compulsory to compare the results with organic sorbents. The existing comparison is enough
<u>Optional/General</u> comments		THANK U