SDI Review Form 1.6

Journal Name:	**Chemical Science International Journal**
Manuscript Number:	**Ms_CSIJ_43499**
Title of the Manuscript:	**Adsorption of 2,4-dinitrophenol on activated carbon prepared from cotton cakes: non-linear isotherm modeling**
Type of the 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	• The abstract presented: is very long, contains elements that already been detailed in the discussion part. The author must rework the abstract entirely. • In the preparation of activated carbon section, add a reference? • In the characterization of activated carbons part: give the technical description of the material used. • Give the protocol and /or reference that define the properties: (pH_{PZC}, pH, Bulk density, moisture content, ash content, volatile matter, solids content and matter soluble in water) • Give the curve that determines the pH of the zero point charge (ZPC)? • Add the Iodine number in the characterization part of activated carbons and give the protocol with reference. • The author must justify the impregnation ratio of the activating agents (KOH and H_3PO_4) • The author used iodine number as a quick test for the surface area of activated carbon. What is the percentage of eligible error compared to the BET method? • The broad band between 3200 cm-1 to 3400 cm-1implies the presence of hydrogen's bands and not a free O-H???? (Figure 1) • Give the protocol and the reference of the Boehm's titration. Join it in the characterization part? • Absence of Figure 2. Why??? • Correct the format of references? • Some spelling errors should be corrected: 2.4-Diphenol replace with 2,4-dinitrophenol	
Minor REVISION comments		

Optional/General comments		

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

http://sciencedomain.org/archives/20

Reviewer Details:

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