



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_12590
Title of the Manuscript:	Evaluation of the Adsorption Kinetics and Equilibrium for the Potential Removal of Congo Red Dye From Aqueous Medium by Using a Biosorbent
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>)



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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	1) The language should be improved and there are certain mistakes which have to be corrected. 2) Are you sure that the sample was dried at 110°C in a vacuum oven? Low temp. should be applied in it. 3) XRD spectrum should be analyzed in detail. 4) Fig. 1 and Fig. 2 should be merged; Fig.3 and Fig.4 should be merged too. 5) There should be some discussion on effect of pH on adsorption. 6) Why are there two pictures in Fig.5 and Fig.6, respectively? Are they different? 7) because R^2 (0.5254) is very low, I don't think the adsorption kinetic obeys the first order Lagergren's state equation 8) What are the function of Table 3 and 4?	Corrected in manuscript AMSD dried in oven (Typing mistake). Corrected in manuscript Corrected in manuscript Corrected in manuscript The value of $R^2 = 0.8254$ (Typing mistake). Table 3 & 4 are given for comparison of XRD peak position of AMSD.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		