



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>)



SDI Review Form 1.6

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	- Grammatically should be modified. - Freundlich should be corrected in the manuscript. - Table 2 and 3 will be redrawn. - In Fig 7 -11 along with % removal , K_D values also represent. - Table-4: Langmuir Constants.....Heading is seems to be incomplete. - Langmuir and Freundlich isotherms must be completed at different temperatures. Fig.-12: Langmuir plot for adsorption of Congo red by AMSD. (adsorption dose 2gm/L. 274 contact time 30 min. and pH 6.).....changed in to Langmuir plot for adsorption..... - Fig 12 - 15 Redraw them by employing	Corrected in manuscript Corrected in manuscript Corrected in manuscript Corrected in manuscript Corrected in manuscript Corrected in manuscript Corrected in manuscript



SDI Review Form 1.6

	regression line to calculate the values of the respective constants. • Thermodynamic parameter also calculated to represent the feasibility of the adsorption process. • The pH_{pzc} of adsorbent was also estimated.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	Manuscript seems to be incomplete and replicated work is needed at different temperatures. Graphs are incomplete needed regression lines to calculate the values of the constants.	