



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_3695
Title of the Manuscript:	Kinetic, Isothermal, and Thermodynamic Studies of the Biosorption of Methylene Blue from Synthetic Wastewater using Cow Hooves

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	The article deals with the removal of methylene blue from wastewater using Cow Hooves. Kinetics and equilibrium studies were performed. Authors have reported that Cow Hooves could be a potential low cost adsorbent for MB removal from aqueous solutions. The paper is interesting and should be accepted after major revision. English language needs improvement. Please ask colleagues who are skilled authors of English language papers to check the English. Results and discussion section is scarce. Adsorption of methylene blue on a range of materials has been extensively investigated. There are many papers published on this topic and this one should benefit from a comparison of the obtained values with those found in literature. Authors should add Tables to compare their results with those found in literature. Moreover, authors may test other kinetic and equilibrium models available in order to give more information to the adsorption mechanism.	The English has been improved This section has also been modified as suggested. A table has been added for the comparison Other kinetic and equilibrium models have been tested and reported



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Minor REVISION comments	Authors should add experimental conditions in the figure captions. Eq 2 : please delete a bracket Figures, please don't express all the results by presenting removal percentage. Authors could present results basing on the capacity	Done as suggested Ok
Optional/General comments	Due to many symbols used in the manuscript, it is advisable to add symbol list or nomenclature.	All the symbols used are common. The only uncommon one is CH and this has been defined in the abstract