



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_44464
Title of the Manuscript:	ADSORPTION AND OPTIMIZATION STUDIES OF CONGO RED FROM SOLUTION USING MONTMORILLONITE-SILICA NANOCOMPOSITE
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)
Compulsory REVISION comments	The manuscript is describe removing of Congo red using montmorilonite-silica nanocomposite from solution by adsorption process. The adsorption parameters were investigated on function of adsorbent dose, initial concentration and contact time. I believe that the paper is worthy of publication in Current Journal of Applied Science and Technology . However, there are a few points which should be clarified before publication. - Introduction section: On the end of this section, Author's work summery should include. - RESULT AND DISCUSSION section: Author's show only results without any discussion!!!!!! e.g. in Fig. 1 why removal% decrease by increasing the dose above 1.5g the same for the rest, please more discussion is required for all results. - SEM image of Montmorilonite-silica nanocomposites before and after adsorption is required for real comparison. - More previous work should be mentioned and compare it with your results to support the claim removing of Congo red using Montmorilonite-silica nanocomposite from solution by adsorption process. https://link.springer.com/article/10.1007/s11595-012-0576-2 http://www.jesc.ac.cn/jesc_en/ch/reader/create_pdf.aspx?file_no=S1001074216305265 http://ehemj.com/article-1-240-en.pdf https://pdfs.semanticscholar.org/3d15/e8e7a47098dcb88d0ab2c1abfb3b94708faf.pdf https://onlinelibrary.wiley.com/doi/abs/10.1002/jctb.1713 https://www.degruyter.com/view/j/ijcre.ahead-of-print/ijcre-2016-0203/www.degruyter.com/view/j/ijcre.ahead-of-print/ijcre-2016-0203/ijcre-2016-0203.xml	
Minor REVISION comments		
Optional/General comments		



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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	<i>Mohamed Darwish</i>
Department, University & Country	<i>Egyptian Petroleum Research Institute, Egypt</i>