

Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_107679
Title of the Manuscript:	Synthesis of Mg-doped CuO Nanoparticles for Efficient Removal of Congo Red Dye from Wastewater: Adsorption study
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes (synthesis of magnesium-doped copper oxide (Mg-CuO) nanoparticles as a promising adsorbent for the efficient removal of Congo Red dye from aqueous solutions)</p> <p>Yes</p> <p>Yes</p> <p>Need to rearrange again</p> <p>No</p> <p>yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>No</p>	
<p>Optional/General comments</p>	<p>1) not see any literature survey in this topic in your introduction. 2) write the aim of your work at the end of introduction. 3) change the caption of fig. 3, 4 and 5. 4) not notice any discuss for your results just present data, compare your work with other studies. 5) why the % removal decreased when increased Ph value and concentration? 6) do TEM for show is your powder in Nano or no, then use image j and origin software's for calculate particle size diameters. 7) should present EDS with SEM to prove the elements in your prepared powder. 8) write ref. for all equations used. 9) do XRD and TGA for your powder. 10) should study antibacterial activity of Mg – CuO powder.</p>	

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PART 2:

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

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