

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_83848
Title of the Manuscript:	SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING OCIMUM GRATISSIMUM (SCENT LEAF)
Type of the Article	Original Research 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:

(<https://www.journalajocs.com/index.php/AJOCS/editorial-policy>)

### 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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"><li>1. Kindly ensure all the cited references are listed in reference section. It seems that few references are missing. [ example : Veisi <i>et al.</i>, 2021].</li><li>2. The proposed mechanism of synthesis of CuO could be explained in better way. The charges on the left side and right side of the equation are not equal. Kindly re-write the mechanism.</li><li>3. Some more relevant references may be included : Example :<ol style="list-style-type: none"><li>a. One-step synthesis of CuO nanoparticles and their effects on H9c2 cardiomyoblasts cells. <i>Inorganic and Nano-Metal Chemistry</i>, 50 (2020) 644-653.</li><li>b. Bioreduction potentials of dried root of Zingiber officinale for a simple green synthesis of silver nanoparticles: Antibacterial studies. <i>Journal of Photochemistry &amp; Photobiology, B: Biology</i>. 177 (2017) 62–68.</li><li>c. Green synthesis of Ag nanoparticles using Tamarind fruit extract for the antibacterial studies. <i>Journal of Photochemistry &amp; Photobiology, B: Biology</i>. 169 (2017) 178–185.</li></ol></li><li>4. Lamp of UV-Vis spectrometer is not working well. That's why spectrum is not being good in range between 340 and 370 nm.</li><li>5. In FTIR spectra, mistakes in last line "binding to the surface of the formed CuO <b>NNPs</b> and thereby leading to the stabilization of the biosynthesized nanoparticles".</li><li>6. Check the figure-3 caption.</li></ol>	<ol style="list-style-type: none"><li>1. The missing reference of Veisi <i>et al.</i>, 2021 has been added. Thank you.</li><li>2. The charges on the left side and right side of all equations for the proposed mechanism of synthesis of CuO have been balanced with electron.</li><li>3. The suggested references have been included</li><li>4. Noted</li><li>5. Mistake has been corrected. Thank you.</li><li>6. Caption for figure 3 has been adjusted.</li></ol>
<b>Optional/General</b> 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>	