

## Review Form 1.7

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_105516
Title of the Manuscript:	Effect of ZnO Nanoparticles on the Kinetics and Photo-degradation of Certain Textile Effluent Dyes
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:

(<https://www.journalajacr.com/index.php/AJACR/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)
<p><b>Compulsory</b> 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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1.-Yes</p> <p>2.-Yes</p> <p>3.-Yes</p> <p>4.-No, There are too many subsections in the manuscript, I suggest the author focus only on four sections: Introduction, material and methods, results and discussions and conclusions. Authors should reorganize the results section to highlight the contribution of the work.</p> <p>5.- Yes, although some results are only tabulated data and not graphs, for example table 2, and table 5.</p> <p>6.-Yes</p> <p>7.- In the SEM image of figure 2, it is necessary to calculate the particle size statistics again and attach a histogram, the IMAGEJ software can help to perform the counting statistics.</p> <p>8.-In figure 3, there are bands or peaks that appear in the Chromatogram and are not identified for example in 17.8, 18, 18.5, 20.65, what are these bands due to?</p> <p>9.- The authors mention "Our plot of <math>\ln(c_0/c)</math> versus time (t), over the range of 0.5 g/L to 2.5 g/l catalyst concentration within the period of 120 minutes, were used to determine the values of the <math>k_{ap}</math> and the half-life of the process." however the graph is not displayed</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>	

**Reviewer Details:**

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