

Review Form 1.7

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_95800
Title of the Manuscript:	Photocatalytic Degradation and Kinetics of Dyes in Textile Effluent Using UV – ZnO-Al System
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.journalajacr.com/index.php/AJACR/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? Yes (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? Yes (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive? Yes</p> <p>4. Are subsections and structure of the manuscript appropriate? Yes</p> <p>5. Do you think the manuscript is scientifically correct? Yes</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. No</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1- I found some typos. I give some examples: "The photocatalytic experiments were conducted in a batch stirred photoreactor" should be "The photocatalytic experiments were conducted in a batch-stirred photoreactor". "At the catalyst dose of 0.5g/l, the apparent first order rate constant" should be "At the catalyst dose of 0.5g/l, the apparent first-order rate constant". "It has been documented that dye loss in waste water could vary up" should be "It has been documented that dye loss in wastewater could vary up". "Thus, it is important to remove these dyes from the waste waters before their final disposal." should be "Thus, it is important to remove these dyes from the wastewater before their final disposal.". "widespread use of TiO₂ and platinum catalyst is uneconomical for large scale water treatment" should be "widespread use of TiO₂ and platinum catalyst is uneconomical for large-scale water treatment". "considerably when doped with suitable element or compound." should be "considerably when doped with a suitable element or compound.". "There results for the change in the concentration" should be "These results for the change in the concentration". The paper needs revising very carefully.</p> <p>2- Some figures are not clear. Especially, fig 5.</p> <p>3- The conclusion is very slim. The most important results should be mentioned in the conclusion section.</p> <p>4- The following citations are very recent and important references on natural and chemical dyes. Therefore, I strongly ask the authors to expand the reference list to include the below citations in the revised manuscript</p> <ul style="list-style-type: none"> - Turkish Journal of Physics, Vol. 38, No. 1, 86–90 (2014). - International Journal of Renewable Energy Research, Vol. 4, No. 2, 384–388 (2014). - Journal of Theoretical and Applied Physics, Vol. 10, No. 4, pp 265–270 (2016). 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

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

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