

Review Form 3

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_127059
Title of the Manuscript:	Structural, optical, magnetic and electrical properties of zinc oxide doped with iron: A review
Type of the Article	Academic

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	I like this manuscript because it explains the importance of doping on to nanoparticles and their effect on their properties the results are well explained the interpretation of the results is clear and in a good way	
Is the title of the article suitable? (If not please suggest an alternative title)	I suggest title " Effect of Fe doping on the Structure, Magnetic and Physical properties of ZnO Nanoparticles"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, Deletion the sentences ZnO is an excellent nanomaterial in semiconductor industries because of its properties such as low cost, high stability and high absorbance. However, some major limitations such as toxicity, low photocatalytic ability in UV rays and quick recombination of hole – electron pairs has affected its application. Hence, doping has proven essential in overcoming these limitations.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	I think that the manuscript is scientifically sound and its results are good, but it lacks the method of work and how the ZnO nanoparticles were prepared and doping with iron. Author's is required to explain this in his paper after the introduction paragraph in order for the image to be complete from the scientific point of view.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments	Yes , the language is good and the spelling errors are few.	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Write equations to calculate the energy gap and Urbach	

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:	Suha Abdullah Najim
Department, University & Country	Mosul University, Iraq