



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_8538
Title of the Manuscript:	Synthesis of NiO nanoparticles by water-in-oil microemulsion technique
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	The manuscript describes suitably the synthesis of NiO nanoparticles by the microemulsion technique. A systematic study of the influence of the synthesis parameters on the distribution size is performed and clearly discussed. Also, results from the microemulsion technique are compared with results obtained from the co-precipitation method.	Thank you for the Reviewer for the time in reviewing and providing the positive feedback. Latest references are used wherever applicable based on the Reviewer comments.
<u>Minor</u> REVISION comments	References are suitable but they could be improved by adding more recent cites. Thus, the present interest by the issue exposed in the manuscript could be reinforced. The last paragraph on page 6 includes the values of particle size calculated by Scherrer from XRD data. However, these values do not agree with values in Table 2 under the column entitled "X-ray diffraction". Please correct the wrong sentence or values. To reinforce the discussion about size distribution the authors should report the standard deviation from TEM measurements.	- Based on the reviewers comments latest references are used wherever applicable. - Particle size determined from XRD given in text and the table is corrected. Now both the values match. - Particle size standard deviation from TEM measurement is provided in the table. 2
<u>Optional/General</u> comments	The experimental data reported is enough to reproduce the experiments. Results and conclusions are suitably supported by experimental data. References could be improved.	Latest references are used wherever applicable.



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	This article is suitable for their publication in the "International Research Journal of Pure and Applied Chemistry" after a minor revision.	
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