



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_7595
Title of the Manuscript:	Structural characterization of Fe-Ag bimetallic nanoparticles synthesized by chemical reduction
Type of the Article	Short 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.

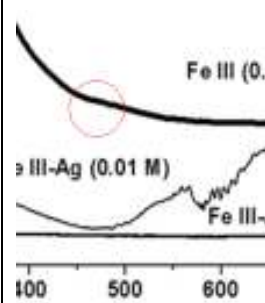
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<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)
Compulsory REVISION comments	1. "Figure 2b also shows UV–Vis absorption spectra of nanoparticles after chemical procedure. The curve indicates a small characteristic peak of Ag surface plasmon resonance of approximately 400 nm, which indicates the formation of silver nanoparticles ."But there is no peak about 400nm in Figure 2b. 2. Could the author add any special properties of this dumbbell bimetal particles?	Indeed, in the absorption spectrum shown in Figure 2, a characteristic band at around 400 nm is present, specifically at 455 nm which is very discrete, however, is present and is an extensively studied and proven in studies concerning above. please consider this observation.  However, the indication is very important, and I will specify that this band is present at 455 nm. thanks for your observations 2..- these particles have multifunctional properties with various diagnostic and therapeutic applications in biomedicine. Additionally, shows a superparamagnetic behavior and exhibit significant antibacterial and antifungal activities against a variety of microorganisms including disease causing pathogens, as well as



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		prolonged action and high efficiency of phosphorus removal.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		We appreciate all your comments and consider their professionalism and objectivity