Journal Name:	American Chemical Science Journal
Manuscript Number:	**2014 _ACSJ _14764**
Title of the Manuscript:	**Photocatalytic degradations of Malachite green on magnetically separable $Ni_{1-x}Co_xFe_2O_4$ nanoparticles synthesized by a hydrothermal process**
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:

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

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, corrects the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	1. In the line 157, a formula should be mentioned with reference. If debye –scherrer formula D= 0.9λ/βcosθ is used, then it must be mentioned there and a data in the form of table mentioning particle size of each nanoparticles should be introduced. Always a range of particle size (lower and upper limit) is not accepted, at least particle size for each 'x' values have to be shown in the table. 2. Similarly, nano particle size calculated from SEM micrographs with linear intercept technique or another technique should be mentioned with reference number. Again, obtained six particle size from SEM micrograph may be mentioned in the form of data table. 3. A supporting data in the form of table should be given for figure 1(b), 1(c), 5, 6,7,8,9 etc. Therefore, a table should be given to display all necessary experimental data.	

Minor REVISION comments	1. Line 22: Spelling mistake in **reaction.** 2. Line 29: Spelling mistake in **'nano-photocatalyst'.** 3. Line 146: In reference (16, 24) a comma between 16 & 24 should be given. 4. In line 381: It would be (a) x=0.0, (b) x=0.2 (c) x=0.3, (d) x=0.4....and so on. 5. Line 151: After Vegard's law a new reference number should be mentioned. 6. In Reference section, reference numbers: 9, 11, 12, 13, 14 should be arranged properly. 7. Line 31 & 60: a space between two words 'waste' and 'water' has not been given. 8. Title of the journal should be significant and simple : Suggested Title: "**PHOTOCATALYTIC DEGRADATIONS OF MALACHITE GREEN ON Co DOPED $Ni_{1-x}Co_xFe_2O_4$ NANOPARTICLES BY HYDROTHERMAL PROCESS**". **OR** **STRUCTRURAL, MAGNETIC AND PHOTOCATALYTIC ACTIVITY OF MALACHITE GREEN ON COBALT DOPED NICKEL FERRITE NANOPARTICLES.**	

Optional/General comments	This paper has scientific innovation and wide range of application in Environmental pollution for which I admire. With some corrections, according to my review this article can be accepted for publication in your esteemed journal. Plagiarism Issues: Yes, some plagiarism issues have been found in this munscript, using online plagiarism checker, I have found following result: Abstract: 75% unique content, Introduction: 67% unique content, Experimental: 26% unique content, Result and discussion: 80% unique content and conclusion: 87% unique content.	

Reviewer Details:

Name:	**Anonymous**
Department, University & Country	**Bangladesh**