



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_13299
Title of the Manuscript:	INVESTIGATIONS MICRORELIEF OF THE SURFACE, DIELECTRIC PROPERTIES AND FLUORESCENCE SPECTRUM OF NATURAL COMPOSITE - FISH SCALES
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.

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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	<p>Materials & methods are not clearly mentioned,</p> <p>Results & discussion is well in AFM and Dielectric properties but fluorescence spectrum is not clear</p>	We edited the manuscript and corrected the figures.
Minor REVISION comments	<ol style="list-style-type: none"> 1. In line 16 , removed in front of and 2. In line 18 expand term HDPE 3. In line 24 , removed in front of and 4. In lines 24-26 the sentence is not an scientific approach 5. In line 27 replace on by to 6. In line 34 , removed in front of recently 7. In line 38 , removed in front of is 8. In line 111 after KHZ replace " It " by 1 9. In line 112 KGts replaced by GHz's 10. In line 128 properties written two times but does not written which property in second time. 11. Explain reason why dielectric constant decrease as frequency increase? 	<p>We corrected the manuscript</p> <ol style="list-style-type: none"> 1. In line 16 we replaced , and 2. We wrote expand of term HDPE 3. In line 24 we replaced , and 4. We made some changeable in 24-26 5.in line 27 we replace on by to 6. In line 34 we change the Hence, recently by Therefore, in recent years 7. in line 38 we removed the , and is in front of involved 8.in line 38 we corrected the sentences "In the frequency range 1-20 kHz revealed a minimum at the frequency of 9.6 kHz and a maximum at the frequency of 10 kHz," 9.In the manuscript we replace kgts by the kHz 10. In line 128 property in second time is structure properties 11. Reducing the dielectric constant of fish scales in the frequency range 0-1 kHz indicates the character



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		of the relaxation dispersion of the dielectric permittivity. This change may be due to the kinetics of the individual structure elements of natural composite which frequency increases begin to participate in the relaxation process and the result is a relatively strong internal field in fish scales, and reduction in permittivity occurs.
<u>Optional/General</u> comments	<p>This article is innovative , observations are good .check units and grammar once again in scientific approach.</p> <p>If any Ethical issue here, please clarify</p>	