



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_12722
Title of the Manuscript:	FTIR STUDIES ON COMPOSITE BLENDS AND BIODEGRADABILITY PRODUCTS OF GUNA PROTEIN/CELLULOSE BASED BIOCOMPOSITES
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>)



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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 results consist in a lot of IRTF figures. Figures 1 to 10 : line 110 figure 9 and line 112 : is it figure 10 ? why the IRTF analysis of blends 20/80 is not given ? Line 114 : figure 11-19 represent spectra for degraded blends for 20 days. To what test correspond figure 9-a (line 119) and 10 (line 125) ? figure 12 and 14 correspond to the same ratio ? figure 14-a and fig 19 too. Figure 17 and 18 too.... And this is the same for figure 20 and 21..... There is a problem with the number of figures and their legend..... All legends should be verified. It is not possible for the reviewer to know if the discussion is OK because the legends of the figure don't correspond !!!!!	The figures will be matched into one FTIR figure to make reading easier.
<u>Minor</u> REVISION comments	Line 29 : biodegradable and compostable are not identical !! change "also called" Sufficient details of the characterization test (IRTF) is not provided : how replicates ? sample preparation ? 6 references are given and reference 5 is a page in Time . The list should be completed.	There are so many methods of characterization which include physicochemical methods ,mechanical methods, morphological methods etc. In this study FTIR ftir analysis was selected.



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<u>Optional/General</u> comments	There are too much figures. I think that the authors should provide one figure for one composition : for example one figure for the ratio 80/20 , and in this figure the five spectra (based blends and degraded blends at 20,40,60 and 80 days). It will be very easier to see what modifications appear !!!	