



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/2587
Title of the Manuscript:	Investigations on Mechanical and Dielectric Properties of NLO material: 4-methoxybenzoin.

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The revised ms is better in shape and may be accepted after the following corrections are carried out. 1. In the title, add 'the' before the word 'mechanical' and again before the word 'NLO'. 2. Give the shortened name "4MB" for the compound at some suitable place in the beginning itself instead of suddenly introducing it at Sec.3.3 (in Fig.3). 3. In the abstract as well as at other places, just mention that the cell parameters have been determined by XRD. Don't write anything about space group or structure, since the preliminary X-ray studies will not be able to reveal these. 4. Abstract: Instead of the sentence "The dielectric behavior of the crystal was carried out...", write "The studies on the crystal....." 5. Abst. Line-10: "The frequency dependence of dielectric constant and dielectric loss is found to be decreased...", write in proper English. 6. In key words: Instead of "UV-VIS-NIR Spectrophotometer", write "UV-VIS-NIR spectra". 7. Sec 2. Write "The single crystals of the material have been grown(avoid the word synthesized). Delete the loose words: yielded many small crystals. 8. Sec.3.1: As already stated in these comments, avoid stating about space group/structure. The sentence "The study revealed that 4-methoxy benzoin single crystals belong to orthorhombic crystal system with a non-centrosymmetric space group Pca2₁" has to be deleted. 9. Sec 3.2: Line 80: What is the meaning of "As a direct bandgap of the crystal below study...". Correct the error.	Title has been changed Shortened name was included in the Fig.3 The sentence has been modified The sentence has been modified The sentence has been modified Key words have been changed The sentence was deleted The sentence was deleted The sentence has been modified

10. Sec 3.3 Line 103: In the sentence "mechanical studies of crystals are evaluated by mechanical testing", replace "studies" by the word "properties". 11. Same section: Lines 111 to 108 have to be written in better English, to facilitate easy understanding to the reader. 12. Again in the Conclusion sec too, avoid stating anything about space group.	The sentence has been modified The sentence has been modified The sentence has been modified