



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_31212
Title of the Manuscript:	Dispersion and Nonlinear Characteristics of a Doping Defected Core Spiral Photonic Crystal Fiber
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)
Compulsory REVISION comments	Line 8 & 46 – The author has to define or specify operating wavelength which I believe as 1550nm as stated in Table 2 and Conclusion. Line 26& 27 – Reference is required here for the dispersion characteristics. Line 56 - broad application wavelengths 300nm to 2400nm. The authors study or investigation does not cover this broad range of spectrum. Please clarify the ethical issue if any. Plagiarism issue: Plagiarism is suspected. The author should clarify. Yes https://www.researchgate.net/publication/287204491_Dispersion_and_nonlinear_characteristics_of_a_photonic_crystal_fiber_PCF_with_defected_core_and_various_doping_concentration Similar article with different dimension in study was found uploaded by two different person. https://www.researchgate.net/publication/287204491_Dispersion_and_nonlinear_characteristics_of_a_photonic_crystal_fiber_PCF_with_defected_core_and_various_doping_concentration http://www.academia.edu/9896598/Dispersion_and_Nonlinear_Characteristics_of_a_Photonic_Crystal_Fiber_PCF_with_Defected_Core_and_Various_Doping_Concentration	Line 8 & 46 (Line 7 & 46)-We have already specified operating wavelength 1550 nm. Line 26 & 27 (Line 26)- Reference [3],[6] have been used. Line 56- Line has been modified. We do not claim our proposed design covers broad application wavelengths 300nm to 2400nm, but its range was square core fiber in published articles. We have tried to design such a PCF that covers close to wavelengths 300nm to 2400nm. We have changed article name "Analysis of Dispersion and Nonlinear Property in Doping Defected Core Spiral Photonic Crystal Fiber". Our Proposed design does not match to the following link. It is a unique model. Also, its results are different. Hence, I hope there is no practice of plagiarism here.
Minor REVISION comments		
Optional/General comments		