



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_22016
Title of the Manuscript:	Similarity of the gaspercentage and magnetic field strength on the electrical characteristics controlof dc plasma
Type of the 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	1. Abstract is not grammatically corrected and needs revision. 2. Lot of words have been merged into each other, for example, see first 3 lines of abstract. 3. The abstract is not written well, therefore should be revised by considering the research problem and objectives. 4. Introduction is very general, it should be more focused on the conducted research work. 5. Materials and methods section is not consistent and does not explain the measurement techniques very well. There should be the theory, working principle and typical IV characteristic curve of the single probe. 6. Why authors did not include the I-V characteristic curves of the single probe generated in DC discharge plasma? 7. Fig 1b is a copy paste and does not properly explain the working principle of the probe. Authors are encouraged to add their own artwork. 8. Kindly change Ia-Va to I-V. 9. Kindly remove the photograph of the plasma chamber.	CORRECTED Experimental procedures, the apparatus used for single probe, the working principle, typical IV characteristic curve of the single probe, and the electron energy distribution functions (EEDF) theory, are identical to our previous study that was carried out with DC discharges system [14]. Experimental procedures, the apparatus used for single probe, the working principle, typical IV characteristic curve of the single probe, and the electron energy distribution functions (EEDF) theory, are identical to our previous study that was carried out [14]. 7. DELETED WHERE IT CARRIED OUT WITH REF. [14] 8. CORRECTED



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	10. Discussion section is very general and only presents the results. Authors should discuss their results with reasons and also compare with past literature. 11. The whole paper should be revised for grammatical and typographical errors.	9. REMOVED
Minor REVISION comments		
Optional/General comments		