



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14876
Title of the Manuscript:	On the Plasma Parameters in Co- Sputtering Discharge
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	Abstract Line 4 said....This chamber consists of two Co-planar sputtering targets made up of copper and Aluminum each of diameter of 4.8 cm. Probably the author means.....This chamber consists of two Co- planar sputtering magnetrons adapted with copper and Aluminum targets each of diameter of 4.8 cm. Line 10 said...with increasing the argon gas pressure and increasing the electrodes In this case rewrite what means “and increasing the electrodes and increasing the electrodes” In Keywords.. delete plasma parameters . Introduction In the equation No. 1 define K y T Between equation 2 and 3 what is the difference K and k In the equation No. 3	We did all the correction and note it was mentioned on your comments. Thank you a lot for your suggestion. We add the cure of the plot logarithm of the collected probe current versus probe voltage, for the electron retardation region. We include all data in the table and we delete figures 5 a, b, and c. we do the necessary note you put it on the other table and figure. Thank you for your Some questions and suggestions you mentioned . We go through it and we do the necessary and we will consider the other suggestion in future work.



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	Is A or Ap, and define if it change with the time. rewrite is mass or temperature ... m_e is the mass of electron temperature. Define all terms or if the case specific the value with international units Experimental technique. Line 3 Groove or Line 4 O rang or O ring Figure redrawing because the dimensions not have a good relation the figure was enlarged only in one side. And change to international units (meters). In the page 3 line 5 says.... and thickness 1 cm for each target, but normally the thickness of the targets are 1/8" or 1/4" these are equivalent to 0.3175 and 0.635 mm approximately. In the page 3 line 6 of variable angles as shown in Fig.2. to include b (Fig.2.b). In the Page 5 to include the plot logarithm of the collected probe current versus probe voltage, for the electron retardation region. Or in the table No. 1 include all data and delete figures 5 a, b, and c.	
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	Figure 5 what is the value of electron temperature (K or Celsius) not eV. Some questions and suggestions: 1. How are validated of the data in the table No.2? 2. How many repetitions were realized? 3. Review the values for Al to distance 6 and copper distance 4. 4. How was validate the probe and the method? 5. Take a picture where will be possible observed all camera, connection with source, etc. 6. Show pictures of the plasma with Al and Cu. 7. To include one table with the values those were considered by calculus. 8. To include the graphic I_p is probe current vs voltage	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		