



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_40712
Title of the Manuscript:	Effects of gaussian beam radius on the conversion efficiency and the diffusion capacitance of a polycrystalline silicon solar cell
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>)

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		
Minor REVISION comments	<p>Lack of discussion in some part of results. For example, there is no explanation on why smaller radius of Gaussian beam gives better performance in solar cell.</p> <p>Is the maximum power in Figure 2, 3 and 4 attributed to the maximum power output of solar cell? If yes, why the efficiency is not same as in Table 1? (Assuming power input is 100 mW/cm² for all cases as stated in part III).</p> <p>Page 10: "Just like.....figure 10by a classical monochromatic flow". Please check.</p>	Ok noted.
Optional/General comments	Minor correction is needed before the manuscript can be accepted for publication	