



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_17116
Title of the Manuscript:	Growth of CdS nanoparticles to fabricate Schottky barrier
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>The present paper reports on the fabrication of CdS nanoparticles. The present paper is acceptable for publication, but it has no statements on the new findings of the present CdS NP. You should at least mention that the present results are new and show to the readers the different points on the results of the previous research.</p>	<p>Thanks for your comments. According to your remarks the following lines are added or modified and highlighted.</p> <p>Line no 35. nanoparticles is modified as nanostructures.</p> <p>Line no 38-41 Novelty of the work is stated. Following lines are added.</p> <p>"In this work CdS nanoparticles are prepared by a reliable low cost method to fabricate Schottky barrier with gold. The surface of the nanoparticles is modified by controlling the growth condition. The technique for preparation of nano CdS film on ITO coated glass is also cost effective."</p> <p>Line no.47 grown is modified as synthesize</p> <p>The previous works are reported according to your comments.</p> <p>Line no. 73 Patel et al prepared CdS nanoparticles of size 12 nm [14].</p> <p>Line no 96 Patidar et al obtained band gap of CdS nanoparticles on the order of 2.47-3.12 eV (16).</p> <p>Line no. 107 Wang et al observed photoluminescence peak of CdS nanoparticles at 560 nm [19].</p> <p>Line no. 138 Farag et al obtained barrier height 0.76-0.86 eV (13). Patel et al obtained barrier height of 0.82 eV(14)</p> <p>Line no 198 CdS nanoparticles are synthesized by a cost effective chemical method</p> <p>Line no. 100 and 103 spectra is changed as spectrum</p> <p>Line no 199. Done is replaced by performed</p> <p>Line no 221 and 228 are modified.</p>