



**UNIVERSITY OF CALCUTTA**  
**DEPARTMENT OF ELECTRONIC SCIENCE**

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Ref. No.:

Date: 31/03/2014

From,  
Dr. Sanatan Chattopadhyay  
The Head of the Department

To Whom It May Concern

This is to certify that ASWINI KUMAR MALLICK..... has attended the one-day Seminar entitled "Nano-materials and Nano-photonics" held on 31<sup>st</sup> March, 2014 in Department of Electronic Science, University of Calcutta.

*Shattoadhyay* 31/3/2014

(Sanatan Chattopadhyay)

**DR. SANATAN CHATTOPADHYAY**  
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