



**Department of Applied Physics**  
**DTU ,New Delh-110042**



**Physics of Energy Harvesting Division**  
**NPL, New Delhi-110012**

## **CERTIFICATE**

This is to certify that **Ms Kanchan Sharma**, student of IV Semester, M.Tech Nanotechnology (Roll no. 05/NST/2K10) has satisfactorily completed her project titled "***Properties of Composition Tunable PbSe-CdSe core-shell and  $Cd_xPb_{1-x}Se$  nanocrystallites***" as partial fulfillment of the requirement of the award of the degree of Master of Technology in Nanoscience and Technology during the academic session 2010–2012.

The declaration made by candidate is correct to the best of our knowledge and the thesis is a bonafide record of the work done by **Ms Kanchan Sharma** under our guidance and supervision at NPL, Delhi and DTU, New Delhi.

**Dr. Mohan .S Mehata**  
**Assistant Professor**  
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**Dr.S.N Sharma**  
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**Physics of Energy Harvesting Division**  
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## **COUNTERSIGNED BY**

**H.O.D.**  
**Department of Physics**  
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