EFFECT OF SiO₂ AND Ag NANO-PARTICLES ON THE SENSITIVITY OF COLORIMETRIC COLESTEROL BIOSENSOR

A Dissertation submitted towards the partial fulfillment of the requirements for the award of degree of

Master of Technology in Nanoscience and Technology

Submitted By Priti Singh 2K11/NST/10

Under the supervision of

&

Dr. Ved Varun Agarwal Scientist National Physical Laboratory Dr. A. M. Birader Chief scientist & Head National Physical Laboratory

Dr. Pawan Kumar Tyagi Assistant Proffessor Delhi Technological University



Department of Applied Physics Delhi Technological University Delhi-110042 July, 2013