




**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

THE SENATE HAS CONFERRED UPON  
**NURULHUDA BINTI MOHAMMAD YUSOFF**

THE DEGREE OF  
**DOCTOR OF PHILOSOPHY  
(PHYSICS)**

FOR THESIS ENTITLED:  
**PHYSICAL AND SPECTROSCOPIC CHARACTERISATION OF SAMARIUM DOPED  
MAGNESIUM TELLURITE GLASS EMBEDDED SILVER NANOPARTICLES**



  
VICE CHANCELLOR

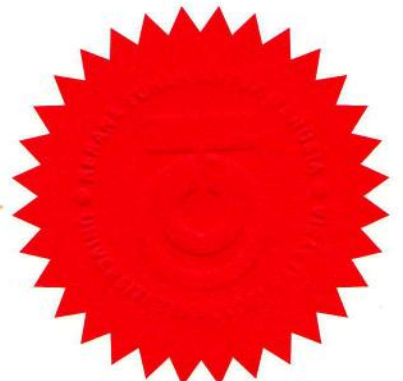
  
REGISTRAR



DEAN,  
SCHOOL OF GRADUATE STUDIES



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