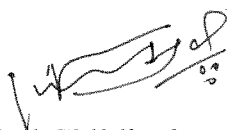


DECLARATION

This is to declare that the thesis entitled “**DEVELOPMENT OF RARE EARTH BASED NANOCRYSTAL PHOSPHOR FOR DISPLAY APPLICATIONS (SOL-GEL METHOD)**” which is being submitted by me in fulfillment for the degree of ‘**Doctor of Philosophy**’ in ‘**Applied Physics**’ to The Maharaja Sayajirao University of Baroda has been carried out by me under the guidance of Dr. K.V.R. Murthy. The matter presented in this thesis incorporated the results of my independent investigations carried out since last four years. The matter presented in this thesis has not been submitted elsewhere for the award of any other degree.



Rahul Ghildiyal

Dated 18 -06-07