



DECLARATION

I hereby declare that the matter embodied in this thesis is the result of investigations carried out by me at the Department of Chemistry, Faculty of Science, The M. S. University of Baroda, Vadodara, under the supervision of **Prof. Shubhangi S. Soman**. Keeping with the general practice of reporting scientific observations, due acknowledgements have been made where the work described is based on the findings of other investigators.

A handwritten signature in black ink, appearing to read 'Radhika D. Baloni', is written above the printed name.

Radhika D. Baloni