

STATEMENT

I hereby declare that the matter embodied in this thesis entitled “**Part I. STRONG AND WEAK HYDROGEN BONDS IN THE RECEPTOR–LIGAND INTERFACE** and **Part II. MOLECULAR MODELING OF SOME THERAPEUTICALLY IMPORTANT TARGETS**” is the result of investigations carried out by me in the School of Chemistry, University of Hyderabad under the supervision of Prof. Gautam R. Desiraju.

In keeping with the general practice of reporting scientific observations due acknowledgments have been made wherever the work described is based on the findings of other investigators.

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