



ACKNOWLEDGMENT

At the outset, I avail this opportunity to render my deep gratitude to The Maharaja Sayajirao University of Baroda, for its encouragement and full support for my research work in the field of Chemistry.

I also take this opportunity to express my sincere thanks to my research supervisor Dr. Prakash B. Samnani, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, for his continuous guidance for my research work. His patience, motivation, enthusiasm, immense knowledge and his logical way of thinking certainly became a blessing for me.

I take this privilege to thank Professor B. V. Kamath, Head, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, for his guidance right from the beginning of my research work and I have been very fortunate to receive his elderly support for day to day research work in the department.

I wish to express my warm and sincere thanks to Professor Nikhil Desai, Dean, Faculty of Science, The Maharaja Sayajirao University of Baroda, for providing me the necessary facilities available in the Faculty.

I owe my most sincere gratitude to Professor A. K. Rakshit and Professor Surekha Devi, former Heads of Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, as I got valuable guidance and support for my research work from them.

I am thankful to late Dr. S.S. Madhav Rao for his valuable suggestions, timely elemental analysis and I.R spectra.

My sincere thanks to the entire teaching faculty, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, for their support and excellent advice during my research work.

I am grateful to the non – teaching staff members, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, for their full cooperation during my research work.

I am thankful to Dr. S. Shivram, Head, Analytical Division and Mr. S. P. Sahoo, Manager, Sun Pharma Advance Research Centre (SPARC), Tandelja, Vadodara for their valuable advice and for providing chromatographic facilities for my research work;

I am also thankful to Department of Chemistry, Jai Research Foundation, Vapi, Valvada, Gujarat, for their support in validating a new HPLC method developed by me during my research work and Doshi Ion – Exchange, Ahmedabad, Gujarat, for providing me free samples of polystyrene divinyl benzene (PSDVB) beads for my research work.

It may not be out of line to mention here that the Provost of Navrachana University, Vadodara, Professor Veena Mistry, my senior Dr. Mandira Sikdar and entire faculty members of Navrachana University have encouraged me for my research work. In this connection, I also express my deep gratitude to the Management of Navrachana University, Vadodara, where at present I am working as Lecturer in Chemistry.

I wish to express my thanks to my research colleagues Ms. Poonam and Mr. Ansar for their cooperation and encouragement.

The financial support obtained as a fellowship from University Grants Commission (UGC), New Delhi under “Research Fellowship in Science for Meritorious Students” scheme is gratefully acknowledged.

Finally, but for the wonderful patience, forbearance and cheerfulness bestowed by my Parents, the mighty task of research work would not have been completed. I also express my thanks to my sisters, my brothers – in – law for their best wishes and my nephew for his lovable support whose childish activities and innocent looks relieved my stress and strain during the period of research work.

KOPPULA SANTHOSH KUMAR