

ACKNOWLEDGEMENTS

There are occasions in life when language seems to be crippled in expressing our emotions and feelings and I am going through same feeling while writing this acknowledgement. First of all, I thank almighty god for giving me courage and strength throughout the life. I am greatly indebted to the great almighty for making my cherished dream, reality by showering his blessings and guarding me to complete this process of research without any hurdles.

*At this moment of accomplishment, I pay homage to my guide, **Late. Prof. (Mrs.) Rajani Giridhar**. This work would not have been possible without her encouragement, guidance and support. Under her guidance I am able to overcome many difficulties and learned a lot many things. The blessing, help and care given by her time to time shall carry me a long way in the journey of my life. I wish her soul roots in peace and solace in the heaven. I can only say a proper thanks to her through my future work.*

*I would like to express my profound gratitude and deep regards to **Prof. M. R. Yadav**, Ex-Dean, Faculty of Pharmacy, The M. S. University of Baroda, under whose pre-eminent guidance, I have carried out my research work. It was his keen interest, constant encouragement and valuable suggestions and guidelines, through supervision in every matter, which enabled me to complete this work. His systematic approach, tremendous enthusiasm and convivial criticism have been of great help and inspiration in this research work.*

*I am also indebted to my guide, **Dr. R. C. Mashru**, Faculty of Pharmacy, The M. S. University of Baroda, for guiding me for my dissertation at the critical stage of my Ph.D, when my original guide **Prof. Giridhar** passed away suddenly. Her priceless advices and meticulous attention helps me not only in my research work but also in my personal life. Her discipline, principles, kindest nature and simple living influenced me a lot.*

*I wish to express my sincere thanks to **Mr. Dineshbhai M. Patel (Samarth Diamond)** for his encouragement, support and incessant help at the time of need.*

*I am highly grateful to **Prof. S. J. Rajput**, Dean, Faculty of Pharmacy, The M. S. University of Baroda, for their cordial support and guidance which helped me in completing this task through various stages. I am thankful to **Prof. K. K. Sawant** Ex-Coordinator, Shri G. H. Patel Research Building, for providing the necessary facilities*

during the course of the work. I would also like to thank **Prof. A. N. Misra, Shri S. P. Rathod, Dr. Kirti Patel, Mr. Bhavik Chauhan and Dr. Prashant Murumkar** for their support at various stages.

I am extremely thankful to **Ms. Chetana Dhakhada, Mr. Karan Samyani, Mr. Bindesh Vasoya and Mr. Nikunj Parekh** for their contribution in this work. It gives me immense pleasure to acknowledge the help and cooperation rendered by **Mr. Jatin Machhi** in the biological studies in my thesis.

It is very difficult to put in words the cooperation, encouragement, love and constant moral support provided to me by my friends **Mr. Ashish Kanhed and Dr. Chintan Vora**.

It gives me great pleasure to acknowledge the support and cooperation rendered by my colleagues **Mr. Neetesh Agrawal, Mr. Mahesh Shidore, Mr. Atul Khadsa, Mr. Rahul Guge, Mr. Mayank Sharma, Mr. Mahesh Barmade, Mr. Dushyant Patel, Mr. Nirav Patel, Dr. Riddhesh Patadia, Mr. Mohit Mahajan, Dr. Hardik Gandhi and Dr. Anshuman**. I would also like to thank some people from early days of my research tenure **Dr. Amit Verma, Mr. Riyaj Tamboli, Dr. Anand Mantri, Dr. Prashant Naik, Dr. Premal Mehar and Mr. Palash Pal** were among those who helped me a lot.

I am obliged to **Mrs. Vaishali Patel, Mrs. Hasumatiben, Mrs. Heena Varma, Mr. Binit Patel, Mr. Pragnesh Vasava and Mr. Chandrakant** and other staff members of Pharmacy Department, for the assistance provided by them in their respective fields. I am grateful for their cooperation during the period of my research work.

I take this opportunity to sincerely acknowledge the UGC, New Delhi, for providing financial assistance in the form of **UGC-BSR Fellowship** which buttressed me to perform my work comfortably.

Last but not least, my deepest gratitude goes to my family for their unflagging love and support throughout my life, this work is simply impossible without them. I am indebted to my **mummy and papa** for their care and love. I would like to express my deep feelings to my life partner **Bharti**, who has been my constant source of inspiration throughout my Ph.D. work and supported in all the ups and downs in my life.

Navnit Prajapati