Dedicated

To

My Guide
Prof.D. Kishore and Aunty Mrs. Nisha Kishore

My Parents
Mr. Suresh Kumar Sharma and Mrs. Mamta Rani Sharma
A Word of Gratitude

"Guru is someone who patiently stands by us and acquaints us with the essence of life. With the blessings of Almighty I found a wonderful Guru who proved that learning can be joyous and pleasant experience"

With deep regards, overwhelming sense of pride and genuine obligation, I seize this jubilant occasion to express my sincere, heartfelt and reverential to my venerable supervisor Prof. D. Kishore, Ex-Head Department of Chemistry, Presently Offg. Secretary and Dean Administration, Banasthali University, Banasthali (Rajasthan) for his esteemed, valuable, highly knowledge and illuminating ideas, suggestions, critical evaluation and expert advice on the designing and execution of this research problem in the best possible way. His contribution in the culmination of this work is so mammoth that the more I write the more will remain unwritten. He educated me on different aspects of the subject, reflected on me the importance of work discipline and encouraged to reach much above my natural abilities. His support, concern and help were available throughout the work, I am fortunate to have been trained and initiated into this scientific world under his able guidance. His dedication to science and the pursuit of knowledge will forever remain a source of inspiration to me. I feel proud and indebted that I carried out the work under his supervision to put in my best in this world.

A great Guru is one who not only imparts knowledge to people but also awakens their interest in it and makes them eager to pursue it for themselves.

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(Noopur Sharma)