Acknowledgement...

As the present project has acquired this final form, memories unreel in my mind reminding me of the ups and downs confronted during the last two years. Sagar life gave me a chance to see the life in a correct angle. I learned that only way we are going to get anywhere in life is to work hard. Problems can become opportunities when the right people come together. I found out that right people in my critical situations. This is the correct time to say my thanks for the timely help of those right people, who by and then showed me the proper direction and guidance to achieve my aim. So this is not just the formal thanking, but the deep gratitude, which comes from my heart.

Vocabulary runs out, words wither, language falters and emotions go berserk, when it comes to thanking the one who has been a constant source of inspiration in the most critical part of the hour, perhaps some feelings are best expressed when left unsaid, words been superfluous, yet I make an effort to acknowledge my esteemed guide Dr. Ashish Verma, Senior Lecturer, Department of Physics and Electronics, Dr. H.S. Gour Vishwavidyalaya, Sagar, whose excellent and constant guidance, supervision, intellect vision and research skills helped in steering the present work through to its completion. His critical assessment, affectionate words and ever available patience always kept me charged and motivated me to perform best even in the situations of ups and downs.

I offer my sincere gratitude to Prof. K.K. Saraf, Head, Department of Physics and Electronics, Dr. H.S. Gour Vishwavidyalaya, Sagar for providing the required facilities to carry out the research work comfortably.

It is my extreme privilege to gratuitously convey my special thanks to all the faculty members of Department of Pharmaceutical Sciences Prof. M.S. Tiwari, Prof. R.A. Singh, Dr. Keshawani, Dr. Mohan Tiwari and Dr. Ranbir Kumar.

I owe my respect to all the non-teaching staff specially Vijay Tamrakar and Manish Khetrapal.

I record my thanks to the University Grants Commission, New Delhi for the award of Rajeev Gandhi National Fellowship during my research work.

I acknowledge the librarian of IIT, New Delhi and Pune University, Pune, for providing me literature survey facility.

I am also grateful to Dr. Sanjeet Dwivedi, Reader, I.G.E.C., Sagar for their suggestions and help to complete my research work.

I would like to thank all the research scholars for their cooperation and support especially Ranjana Bohre, Sujeet Jain, Alka Dubey and R.K. Dubey.

A special word of thanks to my distant friends Brajesh Shreedhar, Uday Tiwari, Anuj, Rakesh Roshan, Ajay Gharami, Pradeep Singh, Varun, Pradeep Tiwari, Alok and Shikha for their affection and friendship.
Life is a long story. In this story we meet many people, but can't forget some of the. They become part of our life. I found great friends Keshav, Santosh, Neeraj and Sanju they will always be with me till my life as a great companion and a friend for me to proud.

As is said time and again some people are very special and so they do need special mention. My friend-cum-elder brother Abhishek has been a source of total and blind support to me. He has been alongside whenever I need him.

Some people deserve special regards as they have contributed immensely by showering their un-conditioned care. Words fall short to acknowledge Mrs. Archana Verma, and her loving children's they have been a great motivator.

I find it difficult to pen down my deepest sense of indebtedness towards my mummy-papa Smt. & Shri Sushila-R.D. Verma, whose sacrifice and constant undemanding love, has been the guiding principles of my life. There are no words, which can acknowledge for they provided me everything throughout my academics. Their unlimited faith and confidence has made me whatever, I am today. The care, affection and above all blessings have always been an extra boon to me.

Formal word of acknowledgement would hardly justify my purpose of expressing my sincere feelings of gratitude for Mr. Bhanu Pratap Dwivedi and Smt. Pushpa Dwivedi whose love, affection, motivation, faith and support has helped immensely to improvise my approach to the subject.

This rare opportunity of rendering the warmest acknowledgement will remain incomplete if I would not register my heart felt regards to my bhaiya-bhabhi Harishanker-Hemant and Gourishanker-Rajni, sister-jiijji, Mrs. & Mr. Premlata-Maheshwar Singh, Urmila-Rajendra for silent support and creative inspiration. I am highly obliged to them for their love and affection. My nephews & niece Sweety, Neha, Dolly, Poonam, Juhi, Golu, Gourav, Sourabh, Princy and Rishi deserves a special mention here.

God created gap between fingers, so that at some day the one who is made for you, comes and fills those gap by holding your hand forever. There is something above all the relations, it is the golden thread that ties two heart, its a bit of special beauty of "Jyoti", which enlightens the life, when the sun dippeth low. My wife, whom I can trust utterly and who comfort and encourage me in the day of difficulty and sorrow, when the world leaves me alone, to fight own battles.

I sincerely acknowledge is due to Nafis (Perfect Computers) for meticulously editing manuscripts of this work.

At the end I thank the Almighty for giving me strength, will and wisdom to carry out the project work successfully.

Lastly I would like to thank all those helped me directly or indirectly during this research work.

Rama Shanker Verma