ACKNOWLEDGEMENTS

“Every day I remind myself that my inner and outer life are based on the labours of other men, living and dead, and that I must exert myself in order to give in the same measure as I have received and am still receiving” – Albert Einstein

I want to express my deep and sincere gratitude to all those who supported and helped me in moulding my thesis. My guide, friends and well-wishers from SRM University and outside ensured me in achieving my goals at ease.

Dr. Lilly M. Saleena my supervisor, epitome of my research life, my sincere thanks and heartfelt deepest gratitude to ma’am especially for believing in me and bringing out the best in me.

Dr. M. Vairamani, Dean, School of Bioengineering for his unconditional support and contagious enthusiasm in research. It is my greatest privilege to work under his guidance. I sincerely acknowledge Dr. Waheeta Hopper, (Former Head of Department of Bioinformatics). I also thank Dr. M. Parani, Head, Department of Genetic Engineering, Dr. S. Thayagarajan, Head, Department of Biotechnology and Dr. M.P. Rajesh, Head, Chemical Engineering for providing me the facilities to perform this work.

I take this opportunity to thank the management, SRM Institute of Science and Technology for all the facilities that were provided to me during the course of my study. I would like extend my gratitude to Department of Biotechnology, Government of India considering me as a Women Scientist under the WOS-A scheme. Without funding from these establishments, my work would not have been possible.
Life in lab and out would have been unbearable without such special past and present colleagues, friends and companions! I want to thank all of you, one by one! It has been a great privilege to work with all of them and giving lots of unforgettable memories.

In the past five years at SRM Institute of Science and Technology, I have been fortunate to associate with good teachers who have held me in fond regard and have taken genuine interest in my progress. I express my heartfelt gratitude to all of them especially from the Department of Bioinformatics. I must appreciate the work and cooperation extended by my lab assistants.

I thank my parents especially my loving in-laws for taking care of my daughter and raising her the way she is. If it weren’t for the support of my family I would have never been able to get this far.

And to my crime partners of my life, Anjana and Mukund! Who never allowed me to fail in life. Thank you for keeping dense faith in me always.

NISHA MUKUND