Acknowledgements

How far that little candle throws his beams! So shines a good deed in a weary world.

—William Shakespeare

I thank the most gracious almighty for showering immense blessings on me without whom anything is impossible. A big round of thanks goes to my family members who gave me mental support and relieved me from stressful conditions, which cuts into the attention and time given to my family. None of my works would have been successful without the unstinting support and encouragement given by my parents.

I am thankful to my advisor Dr.G.Hemantha Kumar, who helped me to do focused research. I whole heartedly and profusely thank him for his valuable interactions, meticulous guidance, friendly involvement and parental love to bring out the piece of research successfully. Thank you may seem to be two little words but I am indebted to be thankful to him for the support he extended for everything.

I am also incredibly thankful to Dr.Ashok Rao who had offered me many useful tips to complete my research work in a mean time with complete satisfaction. Its from him I have learnt innumerable lessons. The intricate details he provided made a big change in my progress. He had taken steps in inculcating new ideas and techniques which provided its worth by creating confidence in me.

Behind the scenes are very close companions of mine, Mr.Manjunath Aradhya and Mr.Nagesha – fun loving and caring guys who made this research period a memorable one. I cannot adequately thank them for all their support and encouragement needed to complete this venture satisfactorily.

Last and in no way least, at this juncture, I thank the department staffs, research scholars for all their good support. Special thanks to office staffs for their timely help in many crucial circumstances. I thank each and every person responsible to complete this venture successfully.

—Noushath.S