

Acknowledgments

I thank my Ph.D. Thesis Supervisor, *Dr. Arun Kumar Singh*, for introducing me to the area of wireless communication. In the process, I learnt many technical and non-technical aspects of professional work. I am grateful to him for his *help* and *patience* as well as for constantly reminding me to be perfect in the little things that I do each day.

I thank *Mr. Vaibhav Saini* for introducing me to the area of technical writing and hardware of wireless systems. The detailed discussion with him during course work helped me to understand the concepts in better way. I thank my friends *Mr. Anil Kumar* and *Mr. Giriraj Vyas* for having fruitful technical/non technical discussions on several topics during my stay at IITJ. I thank *Mr. Hemraj Dodhawat* for his recurring support for the needs related to instrumental work in microwave and wireless communication lab.

My stay at the Institute was a wonderful experience because of my friends, *Giriraj, Anil, Vineet, Deepak, Parveen, Vinay, Atal, Anoop, Arpita, Hiteshi, Shilpa* and *Vibha*, for all the liveliness they infused into the non-academic part of the days at IIT Jodhpur...

I acknowledge and thank my *whole* family, for the patience and love which they ushered on me, and for bearing with me even when I was not spending less time with them. I pay respects to my *parents* for all their *love, sacrifices and blessings*...

