



Acknowledgment

I express my thanks to Almighty for providing me inspiration, strength and patience to accomplish my work with support of all concerned, a few of them I am trying to acknowledge.

I would like to express my deepest appreciation to my research guide, Prof. Satish K. Shah, for his admirable way of supervising the work, invaluable guidance, assistance and support throughout this research. His positive efforts in pointing the need of the research, suggestions and encouragement has resulted in research work. My sincere thanks to, Dr. Satish K. Joshi, Head, Electrical Engineering Department, for providing valuable guidance.

An extended acknowledgment to Mr. Jagdish Sanghani for his support and technical guidance to develop Wireless Control of Robot. My sincere thanks to the entire team of Edutech Systems, Vadodara for providing their effective guidance and assistance during my experimental work. My sincere thanks to E-corner Consultants Pvt. Ltd, Vadodara for providing laboratory facilities for the research work. I also thank Mr. Nirmalkumar Reshamwala, student of Master of Engineering, Electrical Engineering Department for his kind support and technical help.

The project is sponsored by the Department of Science and Technology (DST), Government of India under Women Scientists Scheme (A) (SR/WOS-A/ET-05/2011).

I also thank all those people who have helped me directly or indirectly but have gone unnoticed. My special thanks to my family for their endless encouragement and inspiration throughout the educational years of my life. Last but not least, thanks to all my fellow friends and colleagues for their continuous encouragement.

Pooja S. Suratia