**ACKNOWLEDGEMENT**

On the very outset of this report, I would like to extend my sincere & heartfelt obligation towards all the personages who have helped me in this endeavor. Without their active guidance, help, cooperation & encouragement, I would not have made headway in the project.

I am extremely thankful and pay my gratitude to my faculty Ms. Prerna Paliwal, Prof. Nishidh Chavda and Dr. (Prof.) Amit Ganatra for their valuable guidance and support for completion of this project.

I extend my gratitude to eITRA – eInfochips Training and Research Academy and Charotar University of Science and Technology for giving me this opportunity.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents and members of my family, who have always supported me morally as well as economically.

At last but not least gratitude goes to all of my friends who directly or indirectly helped me to complete this project report.

Thanking You

Ravikumar Patel