ACKNOWLEDGEMENT

This thesis has been prepared under the esteemed guidance of Dr. M.S. Chaudhary and Dr. P.J. Kulkarni. Their guidance, moral support and valuable discussions helped me to work in relatively new topic of data mining.

My acknowledgements are due to Dr. D.T. Shirke, Professor and Head, Department of Statistics, Shivaji University for his timely help, cooperation and fruitful discussions. My vocabulary falls short to express my deep sense of gratitude to him.

I express my sincere thanks to Dr. P.N. Vasambekar, Co-ordinator Computer Science Department, Shivaji University for his timely help and constant support in all academic activities

I would also like to thank all my colleagues at Department of Computer Science, Shivaji University for their constant help and support. My thanks are due to all non-teaching staff of Computer Science Department, Shivaji University.

My special thanks to my mother, whose blessings are always with me. My dream of research work came true only due to inspiration of my husband Mr. Sunil Oza, without whose help and support it was impossible for me carry out my work. I am also very much thankful to my sweet kids, Nakita and Vivin for providing me the atmosphere to complete the research work. Their co-operation and patience always gave me good time for work.

Mrs. Kavita Oza