Acknowledgement

First and foremost, I would like to thank my supervisor, Dr. S.D. Khamitkar, for his guidance and help. It is Dr. Khamitkar who introduces me to the domain of mobile agents and helps me to find my way. His moral and high standards of integrity have been inspirational to me and crucial to the completion of this thesis.

I would also like to thank Principal Dr. M.R. Patil for providing me all the research facilities in my research centre at College of Computer Science and Information Technology, Latur. His enthusiasm and wisdom also influence me greatly and teach me a lot.

All my colleagues of Rajarshi Shahu Mahavidyalaya, Latur, particularly Mr. V.D. Panchal and Dr. A.A. Yadav who play an important role in the completion of this thesis. I’m grateful to Dr. E.U. Masumdar and Mr. S.R. Soni, for their useful support.

I owe much to members of the SRTM University, Nanded. They are Dr. Ashok Gingine, Dr. Nilesh Deshmukh, Dr. Parag Bhalchanda, Mr. S.N. Lokhande, Mr. Mahesh Joshi, and Dr. Santosh Chavan. It is always a pleasure to discuss and exchange ideas with them. Their valuable advice helped me to achieve much in my study and research. Mr. Prashant Kulkarni and Mr. Vijay Gajre have helped me in formatting my thesis and in arranging all the information properly. Thanks to them.

Finally, I would like to express my special thanks to my family; it is their love, understanding, and support that enabled me to accomplish this thesis.