ACKNOWLEDGEMENT

I deem it a solemn duty to express my deep sense of heartfelt gratitude and indebtedness to my most respected research guide Dr. A. K. Bora, Professor, Department of Geography, Gauhati University for his constant help, support, guidance, supervision of my research and critical review of the draft of this thesis.

I am indebted to Prof. R. Barman, Prof. A.K. Bhagabati, Prof. H.N. Sarma, Prof. L. Dutta, Prof. S. P. Sarma, Prof. A. Saikia, Prof. B.K. Kar, Dr. D. Saharia, Dr. P. Bhattacharyya of Department of Geography, Gauhati University for their help, support and suggestions during the course of this study.

I sincerely acknowledge the help, suggestions made by the Town Planner Mr. D. Gogoi, Mr. A. K. Endew and the staff members of Guwahati Metropolitan Development Authority, Guwahati Municipal Corporation, Geological Survey of India, Brahmaputra Board, Assam Remote Sensing Application Centre, Water Resource Department, Guwahati for their help at various phases of my research work during collection of data.

I extend my sincere thanks to Mr. K. M. Ali, Dr. A. Barkotoki, Mr. S. Sarma, Zoonali for their valuable suggestions, support and help during the field survey and providing me necessary information regarding the flood and water logging of Guwahati.

I take the opportunity to express my thanks and gratitude to my colleagues Dr. L. Ghatowar, Mr. B.C. Das, Dr. S. Rahman, Miss K. Das, Department of Geography, Guwahati College for their support and encouragement.

I am also thankful to my friend Dr. D. Deka, Department of Geography, B. Borooah College, Dr. L. Gogoi, Narengi College, Mr. U. Deka Baruah, Gauhati University, Dr. S. Sarkar, Gauhati University, Mr. J. Nath, Gauhati University for their encouragement and assistance at all stages of my research. I sincerely acknowledge the help of Mr. P. Kalita, AMTRON, for his help in the analysis of data and satellite images.
My wife Mrs. Sangita Bhagawati, Assistant Professor, B.R.M. Govt. Law College, Guwahati who sacrificed all her comforts for my studies and has been constant source of inspiration, encouragement and moral and material support for which expressing gratitude would be mere formality. I would also like to thank Abhigyan for his support and co-operation during the course of my research work.

Finally, this humble work of mine in all humility is dedicated to my parents for their blessings without which I would not have been able to carry out my research.

(Dhrubajyoti Rajbangshi)