ACKNOWLEDGEMENT
ACKNOWLEDGEMENT

The investigator wishes to place on record his deep sense of gratitude to all those who were behind him in conducting this study and bringing out this thesis in the present form.

The investigator is ever grateful to his research supervisor, Dr. N. Balasubramanian, Reader, Department of Educational Technology, Bharathiar University, Coimbatore - 641 046 for his enlightened guidance, sparking ideas, sustained inspiration, enthusiastic co-operation and kindness which enable the investigator to bring the thesis in the present format.

He is equally indebted to Dr. R. Ananthasayanam, Professor and Head, Department of Educational Technology, Bharathiar University, Coimbatore-641 046 for his encouragement, paternal care, discussions and help in successfully completing the thesis.

The investigator's mid-summer night dream comes true this day due to Dr. M. Raghuram Singh, Former Principal and Dr. P. Chandrasekharan, Former Reader in Education (SS), Government College of Education, Komarapalayam. Their encouragement, motivation, tireless help, love and affection are always remembered.

He is ever thankful to Dr. S. Purushothaman, Former Professor and Head, Department of Educational Technology, Bharathidasan University, Tiruchirappalli and Dr. S. Mohan, Professor and Head, Algappa University, Karaikudi for their valuable feedback and inspiration.

Words cannot substitute the warm assistance extended by Dr. V. Suresh, Professor and Head, Psychology Wing, Directorate of Distance Education, Annamalai University, Annamalainagar for the investigator's sustained progress in his work.
He records his deep sense of gratitude to Dr. R. Thangavelu, Reader in Education, Government College of Education, Komarapalayam for his timely help in the improvement of thesis and encouragement.

The investigator expresses his sincere thanks to Dr. Barry J. Zimmerman, Distinguished Professor, Ph.D. Program in Educational Psychology, City University of New York, U.S.A. for providing a number of articles in the area of self-regulated learning and his scholarly feedback at each stage of the research.

He is also thankful to Dr. Dale H. Schunk, Professor, School of Education, Purdue University, West Lafayette, U.S.A. and Dr. Philip H. Winne, Faculty of Education, Simon Fraser University, Burnaby, Canada for their valuable help in providing research materials and timely suggestions.

The investigator is ever thankful to Dr. D. Venkataraman, UGC Research Scientist, Institute of Advanced Study in Education, Saidapet, Chennai for his good wishes and encouragement which have taken the investigator all his way.

The investigator places his deep sense of gratitude to Dr. N.K. Sharma, Professor, Department of Humanities and Social Sciences, IIT, Kanpur and Dr. K. Sajan Rao, Scientist, SITRA, Coimbatore and his friends for their valuable help, suggestions and feedback in the construction of the self-regulated learning scale.

He expresses his sincere thanks and gratitude to his brother Mr. S. Gnanasekaran, Systems Analyst, Mascot Systems Pvt. Limited, Bangalore for his timely help in the development of Instructional Software Packages.

The investigator is ever thankful to Mr. K. Gopu Kumar, Department of Psychology, Bharathiar University, Coimbatore for his expertise in Computerised Statistical Analysis.
The computer support provided by Ms. K. Srivalli, Lakshmi Systems Academy, Mani’s Higher Secondary School, Coimbatore and Mr. Mani, Mohana Institute of Computer Education, Harur will always be remembered.

He also owes his immense gratitude to the Principals, Teachers of Physics and Computer Science of Sri Rangammal Higher Secondary School, Coimbatore, Mani’s Higher Secondary School, Coimbatore and P.D.R.V. Higher Secondary School, Harur for their help in conducting the present study in their schools. The co-operation extended by the eleventh standard students of the above said schools are sincerely acknowledged.

A friend in-deed is a friend in need. Timely presence of my friends Mr. S. Senthil Kumar, Mr. Manoj Alagarajan, Mr. S.P.M. Prince W, Dr. R. Ramesh, Mr. R. Sivakumar, Mr. N. Ganapathi Subramaniam, Mr. M. Pugalendhi, Mr. K.K. Nantha Kumar, Mr. N. Balakrishnan, Mr. Gopa Kambagiri Samy, Mr. T. Palvannan, Mr. C. Kamala kannan, Mr. S. Ramkumar and Ms. V. Srividya are thankfully acknowledged.

The investigator expresses his thanks to Dr. K. R. Rangaraj, Dr. K.N. Ilangovan, Dr. M. Charles Enigo and Dr. K. Marthanda Varma for their constructive help. He is also thankful to the Research Scholars Ms. S. Meera, Ms. G. Kanakalakshmi and Mr. V. Sundarabashyam of the Department of Educational Technology for their kind co-operation and help throughout the course of study.

The investigator highly appreciates the direct and indirect help forwarded by the Non-teaching Staffs of Bharathiar University, Coimbatore. He is also thankful to the Librarian and Staff Members of Bharathiar University, Coimbatore.

The investigator is thankful to Mr. R. Chidambaranathan, Kumaran Pathippagam, Coimbatore for his valuable help in the neat typing of this thesis.