ACKNOWLEDGEMENT

It was a privilege for the present investigator to work under the able guidance of Dr. C. C. Pathak, Reader, Department of Education, Sardar Patel University, Vallabh Vidyanagar. The investigator is immensely indebted to him for his guidance, which he rendered most sympathetically throughout this study. Without his inspiration and encouragement it would not have been possible for the investigator to complete this task.

The investigator is also thankful to Dr. C.K.Patel, Principal, Anand Education College, Anand for inspiring him during the study.

The investigator is also thankful to Prof. B.V.Patel, Head, Department of Education, Vallabh Vidyanagar for his valuable suggestions and help during the study.

The investigator would like to extend his thanks to Prof. Lekesh Koul, Head, Department of Education, Himachal Pradesh University, for his valuable guidance during selection of experimental design.

The investigator can not forget here Dr. G.S. Patel, Hon. Secretary, Shri Ramkrishna Seva Mandal, Anand who was kind enough to allow for this study. The investigator is highly indebted to him.
The investigator is highly grateful to the Principals, Staff and Pupils of Anand High School, Anand and Pioneer High School, Anand for extending their co-operation during the experimentation.

The investigator is also thankful to Dr. (Miss.) N. L. Pandya, Lecturer, M.B. Patel College of Education, Vallabhb Vidyanagar, for her timely guidance during development of programmed learning material, for the present study.

The investigator would also extend his thanks to Dr. I. A. Vora, Reader, Department of Education, Sardar Patel University, Vallabhb Vidyanagar for his suggestions during statistical analysis.

Last but not least the investigator is highly indebted to his wife Kalpana. Without her moral support, help and assistance throughout the study, this work would not have been completed.

The investigator is also thankful to all those who have helped directly or indirectly in the present study and especially to Mr. Ghanshyam bhai Patel for typing the report with enough care.

ANAND

Rameshchandra G. Kothari