

ACKNOWLEDGEMENT

Dr.R.Govinda of Centre for Advanced Study in Education with his highly inspiring, pervasive and thought provoking guidance made this study interesting, purposeful and productive. He was kind enough to be flexible to adjust to even to my constraints and was helpful in many ways. I wish to express my immense gratitude towards him.

Dr.M.S.Yadav, Professor & Head of CASE, was a source of inspiration to me. Without his valuable help, I would not have been able to undertake this study. I express my sincere thanks to him.

My grateful thanks are also due to Dr. Robert M.Gagne, Department of Educational Research, Florida State University, Florida, U.S.A., for providing me with the necessary resource materials; Dr. Richard T. White, Professor, Faculty of Education, Monash University, Australia, for his useful correspondence from time to time and for the reference material made available, especially in the learning hierarchy section; Dr. John E. Penick, Science Education Centre, the University of Iowa, Iowa, U.S.A., for the material made available to me in the cognitive preference section.

I sincerely thank Shri M.V.Prasad, Principal of Bharatiya Vidya Bhavan's Public School, Baroda, for his kind permission and Shri Raghunath, my former colleague, for his help at the try out stage. I also thank Shri Shyam B.Menon of the Faculty of Education; Shri Patel and Members of the Staff of the Computer Centre, M.S.University; and Mrs. S.S.Padhye, CASE Librarian, for their very useful help during the conduct of this study. And finally I thank Shri M.L.Chunara for his meticulous and flawless typing and all other friends who have helped me in one way or the other during this study.

A.S. PILLAI