ACKNOWLEDGEMENT.

I feel very happy to express my sincerest gratitude to my revered master and guide Dr. J. J. Trivedi, B.Sc., Ph.D., Ex-Principal, M. G. Science Institute, Ahmedabad-9, who having suggested the problem, inspired and guided me throughout with his valuable advice and criticism.

I am also grateful to Dr. J. P. Trivedi, Principal, M.G. Science Institute and Dr. B. M. Desai, Head of the Chemistry Department, M. G. Science Institute, Ahmedabad., and Ahmedabad Education Society, Ahmedabad for providing the facilities to carry out research work.

I am highly thankful to all my colleagues especially Miss J. H. Shah and Miss B. K. Trivedi for their valuable suggestions and help in various ways. My thanks are also due to Dr. M. C. Desai for taking interest in carrying out spectras and its analysis during my work.

I am highly thankful to Dr. O.P. Shethi, Associate Professor of Pharmacology, L.M. College of Pharmacy for the Pharmacological testing of the compounds. I am also thankful The Director, Hoffkine Institute, for screening of the compounds for Anti T.B. activity.

I am very much thankful to the council of Scientific and Industrial Research for providing financial assistance in the form of fellowship during my research work.

I am thankful to Mr. A. C. Acharya, Store-keeper and Mr.K.L. Shah, Librarian for their help. I am also thankful to Mr. M. P. Makwana, Typist for clean and neat typing work.

At last, I am thankful to my brothers who have given me the aptitude, opportunity and encouragement for higher studies.

G.I. DAVE