ACKNOWLEDGEMENTS

The author is very much delighted to express his humble, sincere, heartfelt and profound sense of gratitude to his beloved Prof. D. Venkata Reddy, M.Sc., Ph.D., Professor of Chemistry, Sri Krishnadevaraya University, Anantapur for suggesting the problem and for his constant encouragement throughout the progress of research work.

The author is very much indebted to Dr. K. Hussain Reddy, M.Sc., Ph.D., Lecturer in Chemistry, SK University, Anantapur for his personal care, keen interest and constant encouragement by his stimulating and enlightening discussions.

The author sincerely expresses his thanks to the authorities of Sri Krishnadevaraya University, Anantapur for providing the necessary facilities.

The author expresses a special word of heartfelt a profound feelings to his wife Smt. Y. Sarah Suhrullatha for her encouragement on all occasions.