

ACKNOWLEDGEMENTS

I offer my obeisance to the almighty of Lord Siddi Vinayaka for completing my studies successfully and present this piece of work for which I am extremely indebted.

The author is deeply beholden to the research supervisor Prof.C.Rambabu, Head, Department of Chemistry for his cool headed, well-balanced heraldic advocacy, careful observation, unflinching commitment, and valuable suggestions in finalizing this research work to a successful one. I consider myself very fortunate in that, it would have been impossible to achieve this goal without his support.

I pay rich tributes to Dr.D.Ramachandran, Asst. Professor, and Department of Chemistry and to Dr.S.V.M.Vardhan, Department of Biochemistry for their helpful discussions and constant encouragement during my research work with respectful regards and immense pleasure. Their humanitarian treatment in the stormy situations upgraded me a lot for the fulfillment of the target.

The author thanks Sri. M.M.R.V.Appa Row, President, D.A.R. College, Nuzvid, for his encouragement, to the Principal and the faculty members in the department of P.G.Chemistry for their help and encouragement.

I have great pleasure in thanking my fellow research scholars in the department of chemistry, for their support throughout the research work.

I take this opportunity to express my sincere gratitude to my mother D.Jayaprada and to my wife D.Tejaswini for their encouragement throughout the completion of this work. I owe much to my son D.Dharmik Anand for his cooperation.

I express my sincere appreciation and gratitude to my many friends and well wishers who have encouraged me throughout my career.

I convey my heartfelt thanks to Ministerial Staff, Department of Chemistry and Department of Bio Chemistry, A.N.U.Dr.M.R.Appa Row Campus for their help whenever necessary.

D.RAVIKUMAR