ACKNOWLEDGEMENT

Success is not possible lonely without involvement of many minds and hands to beautify it. Emotions cannot be adequately expressed in words because emotions are transformed into formality. Every milestone cannot reach without the acts of assistance, consultation, words of encouragement and gesture of helpfulness from beloved and respected ones. This acknowledge of mine is no exception. In fact acknowledge is just a formality the words lack to express my feelings to all who helped to mold this work.

It gives me a great pleasure, pride, privilege to quote heartily indebtedness with deep sense of gratitude and deep respect to my honorable research guide Dr. T.K.CHONDHEKAR, Professor, Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. He is teacher par excellence, genius scientist; sowed research oriented mentality in me and gave me unique experience of planning, conducting and presenting the research. An opportunity to work under his esteemed tutelage is an honor, which I as his student will never oblivate. I shall remain ever grateful to him for his benevolent outlook and generosity of mind.

I am thankful to Dr.C.H. Gill, Head, Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for providing research facility in the Department.

The valuable suggestions and constructive criticism received during the present research work from Dr. B.R. Arbad, Professor, Department of Chemistry, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad, are gratefully acknowledged.

I express my deep sense of gratitude to Dr. R.A. Mane, Reader, Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

I extend my deep sense of regards to Dr. S.G. Shankarwar, Dr.A.S. Munde, Dr.A.S. Rajbhuj, Dr.S.T. Gaikwad, Mr.S.R. Sonone, and Dr. M. K. Lande for their inspiring guidance, expert advice, constant encouragement and untimely supervision which helped in compilation of research work.

I shall remain grateful to respected shri Ajitbhau Shisode, Chairman Vivekanand Shikshan Sanstha, Aurangabad and respected shri Shrimantrao Shisode, Secretary Vivekanand Shikshan Sanstha, Aurangabad for their moral support.
I would like to express my sincere thanks to respected Dr. B.S. Solunke sir, Principal Vivekanand Arts, Sardar Dalip Singh Commerce & Science College, Aurangabad for their constant encouragement, valuable suggestions and parenting support during the present research work.

I would like to acknowledge my senior research colleagues Drs S.R. Bemalkar, S.M. Ruikar, A.S. Kirdant, Magar, for their valuable suggestions and also thankful to Miss. S.M. JadHAV, Vaishali Patharkar, Mr. Vinod Shelke for sharing technical, good experiences and timely help.

I am also thankful to my College colleagues Mr. M.S. Adhyapak, Smt. S.T. Dengale, Smt. S.P. Pawar, Mr. D.L. Lingampalle, Mr. M.G. Shiwoorkar, Mr. D.S. Wagare, Mr. H.B. Nagare, Mr. V.B. Gulbile for their timely help and cooperation during the research work.

I would like to thank Sow. Mandakini Chondhekar and Sow. Lata Arbad for their constant encouragement during the present research work.

I feel unique pleasure in extending special thanks to my friend Dr. Jayshri Chamargore, for inspiration and warmth friendship.

I feel beatitude to express my gratefulness of beyond accountability to my adorable parents Dr. Raosaheb & Sow. Suman Vaidya, my Inlaws Mr. Uttamrao & Sow. Saraswati Suryawanshi whose impalpable antiphlogistic affection and telepathic plethora of love boosted up my morale during inertia, affliction, agonizing helplessness as well as my solitude and that indeed actuated me to make this chimeral expectancy true.

I am also thankful to my brothers Dr. Dayanand, Dr. Shantisagar and all family members.

The acknowledgement will be incomplete without expressing my deep affections to my husband Dr. Shrinivas for his generous help, patience and moral support during this research work. My very special thanks are due to my son Aditya for his patience and loving co-operation.

Last but not least I would like to thank to all those who have helped me directly or indirectly to complete the present research work.

Smt. S. R. Vaidya