

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my Guide Honourable **Prof. Dr. N.N.Maldar**, Professor and Head, Department of Chemistry, Shivaji University Centre for P.G.Studies, Solapur for his inspiring guidance, stimulating discussions and thinking, encouragement throughout the present work.

I also express my sincere thanks to **Dr.S.V.Lonikar**, **Dr. P.G.More**, **Dr.P.P.Wadgoankar**, **Dr. A.S.Patil** and **Dr. Anil Kore** for their help and kind co-operation.

I wish to record my deep sense of gratitude to the Management authorities of Dayanand Education Society Latur and **Principal R.H.Ladda** Dayanand Science College Latur for their wholehearted co-operation and approval to my one year deputation.

I am very much thankful to the office staff, Laboratory staff and my research colleagues at S.U.P.G Centre Solapur viz **P.H.Basutkar**, **V.P.Ubale**, **M.D.Joshi**, **V.A.E.Shaikh**, **V.N.Alli**, **P.I.Swamy**, **P.S.Kulkarni** for their friendly help during the period of my research work.

I am thankful to **Mr. Chaugule** and **Borkhade** (Lab.Staff) for their time to time help. Library provided valuable service to me for which I am grateful.

The financial assistance from U.G.C New Delhi in the form of award of Teacher Research fellow is gratefully acknowledged.

I am indebted to my wife **Nanda**, daughter **Supriya** and son **Kiran** for constant encouragement.

Finally I am thankful to all who have assisted directly and indirectly to complete this work.

Solapur

Jivan.S.Tulba

Date :- 20-12-96