ACKNOWLEDGEMENT

My greatful thanks are due to Dr.P.B.Joshi, Head,
Department of Physics, Centre for P.G.Studies, Shivaji
University, Solapur, for his keen interest & valuable guidance &
helpful discussions during the course of this work.

I sincerely thank Dr.L.P.Deshmukh, Dr.S.S. Suryavanshi & Mr. Kamat, Lecturer, Department of Physics, Centre for P.G.Studies, Solapur. I also thank the non-teaching staff for P.G.studies, Solapur, for their cooperation during the tenure of his course.

I must thank Mr.S.A.Pawar, Head, Department of Electronics, Shri Shivaji Mahavidyalay, Barsi & Mr.U.R.Ghodake, Lecturer, Dept. of Electronics, Barsi, for their valuable cooperation.

A friend in need is a friend indeed. My special thanks to Mr.SANJEEV KURMUDE, SKYLARK COMPUTER CENTRE, for his nice cooperation & providing me the printing facility for the completion of this dissertation.

I will be failing in my duty if I do not express my sincere thanks to Mr.V.N.Ingale, Principal, Shri Shivaji Mahavidyalay, Barsi for inspiring me to complete this work.

I also thank those, who helped me directly or indirectly in completing this work.

BARSI