ACKNOWLEDGEMENT

At the beginning, I would like to express my thanks and gratitude, to Almighty Allah for providing me with an opportunity with the completion of this work and for all his Grace and Mercy on me.

Research is an endless task of documentation and innovations, it requires a lot of editing, rearrangement, rephrasing, and rewriting. Final result of such a work provides one-self with a sense of accomplishment. Research is an art, in discovery, which needs a lot of guidance, direction, expert opinion and helping hands and all these factors were given to me, by my near and dear ones.

At this juncture, I find myself inadequate with words, to express my heartfelt gratitude for my Guide and mentor, DR. V.L. JAHAIRDAR, M.D. (Path & Bact), Professor and Head Department of Microbiology DR.V.M.M.C. SOLAPUR. Who has constituted this thesis and work unto itself, without his excellent guidance, constant encouragement, persistent but constructive criticism, immense help and timely advice this research work would not have been accomplished. His constant encouragement, rational and wise advice's strengthened me to progress with my endeavors and efforts resulting into this work.

I would also like to thank with due respects to DR.V.L. YEMUL, Dean DR.V.M.M.C. SOLAPUR. For granting me his permission to undertake this work, and providing me with timely advice and facilities of the Institute.

I would also wish to express my thanks and gratitude with due respects to DR.MRS. S.N. KOTHADIA. Associate Professor, Department of Microbiology DR.V.M.M.C. SOLAPUR. For her timely advice, valuable suggestions and her encouragement with counsel for this work.

My special thanks to DR.B.V. AUSEKAR and DR.A.G. SOLSHE and all the staff of 'Shri Sidheshwar Cancer Hospital, Solapur.' For their kind help, co-operation and assistance for this work.

I would also like to thank the in-charge and staff of the Intensive Care Unit of the 'Ashwini Sahakari Rungalya, Solapur'. For their help and assistance in this work.
I also wish to thank Dr. P. M. Kulkami, Professor and Head, Department of Medicine, Dr. S. V. Ghatge, Professor and Head, Department of Pediatrics, Dr. D. R. Kulkami, Former Professor and Head, Department of Department of Surgery. For granting permission to procure clinical specimen needed for the completion of this work.

My sincere thanks to Dr. Mrs. M. P. Zanwar, Professor and Head, Department of Pathology, Dr. Mrs. M. V. Kanetkar, Associate Professor Department of Pathology, Dr. S. N. Mashal Lecturer, Department of Pathology, DR.V.M.M.C. SOLAPUR. For their help, suggestions, and encouragement during the course of my study.

I also wish to thank Dr. Mrs. V. P. Gada, Professor and Head, Department of Pharmacology, for providing the facility of experimental animals to complete the topic of pathogenicity of Candida species.

My special thanks to Dr. P. A. Gadgil, Lecturer, Pathology Department, DR.V.M.M.C. SOLAPUR. For providing the visual impact and excellent photographs to this research work.

I am thankful to all the teaching, non-teaching, and technical staff of Department of Microbiology, DR.V.M.M.C. SOLAPUR. For their help.

I would like to thank all the postgraduates' students for their devoted assistance and help, during the phase of my study.

I wish also to thank the Chief Librarian and the Library staff of DR.V.M.M.C. SOLAPUR. For providing the required literature during the course of my study.

Last but not the least, how can I forget to express my gratitude? Towards my "Parents and family" for their blessings, encouragement and moral support which made me accomplish this work.

My sincere and special thanks to all those patients who have cooperated, appreciably and patiently, providing their time inspite of their inconveniences, and precisely without them this work would not have been accomplished.

RESEARCH STUDENT.