ACKNOWLEDGEMENT

I reserve my sincere and profound regards for my guide

Dr. S.C. Agarwal, Reader & Head, Department of Mathematics, M.M. (P.G.) College, Modinagar, for his valuable guidance, painstaking supervision and constant affectionate encouragement during the work of this thesis. I am indebted to him as without him the completion of this thesis would have been impossibility.

I am greatly indebted to Dr. R. C. Lal, Principal, M.M. (P.G.) College, Modinagar and Dr. O. P. Jain, Director, Krishna Institute of Engineering & Technology, Ghaziabad for their great motivation and constant encouragement during my thesis research work.

Here I am also thankful to Dr. C. M. Batra (Head, Department of Applied Sciences & Humanities) and all my colleagues from Krishna Institute of Engineering & Technology, Ghaziabad.

Finally I find myself fully devoid of words to express my profound gratitude and appreciation to my parents who are always there also, when there is nobody. I very fondly want to remember my brother and sister who have been sympathetic to me throughout this work.

Date:

(SHIKHA BANSAL)