ACKNOWLEDGEMENT

It gives me immense pleasure and gratitude in expressing my deep sense of gratefulness and adorable regards to my supervisor Dr. K.N. Mishra (M.Sc. Ph.D., F.T.E., F.B.S., F.N.I.E, F.P.A.S.) Reader Deptt. of Botany T.D. college, Jaunpur for his continuous encouragement, constructive criticism and inspiration that enabled me to accomplish the Thesis to a real shape.

My thanks are also due to Dr. R.S. Singh Principal T.D. College Jaunpur and Dr. U.K. Singh Head Deptt. of Botany for their manifold cooperation during the Laboratory work in college. I express my best regards to the entire teaching staff of Botany department and lab assistant Sri Narayan Singh for their valuable helps during the period of research.

My devotions are due to my parents Shri Shambhu Nath Mishra and Smt. Champa Mishra, without whose constant love, inspiration and financial support the work was not possible.

I am also grateful to my grandfather Pt. Ramdev Mishra and Pt. Shyamdev Mishra, Younger brother Jay Prakash Mishra, elder sister Smt. Gaytri Pandey, Geeta Mishra,
Kushum Dubey and Sangeeta Pandey for their cordial supports during the present work. I gratefully acknowledge and express deep sense to my uncle Shri Surendra Mishra (G.M. Subero Organic Chemical Factory), Virendra Mishra (J.E.) and Mahendra Mishra (Engineer) for providing cordial support, blessing and encouragement during the performance of work.

I am very grateful to Prof. S. Gangopadhyay ex head principal scientists Plant Pathology division C.R.R.I, Cuttack (Orissa) and Prof B.N. Singh Director CRRI. Cuttck (Orissa) for their valuable suggestion in the early stages of my work.

I express my cordial wishes to my senior colleagues Dr. Vijay Pratap Tiwari, Dr. L.P. Maurya, Dr. U.C. Mishra and Mr. Harish Chandra Shrivastava for their full cooperation during the period of research and preparation of thesis report.

I owe to special thanks and gratitude to Dr. Vikesh Chaubey, Head of Botany department, Himtaj P.G. College Newarhia, Jaunpur for their whole hearted cooperation, encouragement, critical suggestion and providing all facilities for the completion of the work, without which the work was not possible.
I express my obligation, helpful mentality and pleasurable company to teaching staff of my college. Dr. R.S. Upadhyay, Dr. Sanjay Jaiswal, Mr. Nadeem Khan, Mr. Chandra Bhushan Shukla (Deptt. of commerce), Dr. Heera Lal Verma, (Deptt. of Math) Dr. Vijay Shanker Chaubey, Anand Raghaw Chaubey, Puspendra Asthana, Mr. Mithoo Singh yadav, Dr. Anubha Shukla, Mr. Vinod Singh, Mr. Vijay Chandra Chaturvedi in Himtaj P.G. College Jaunpur.

I am also profoundly indebted to Dr. Harihar Chaubey Principal Himtaj P.G. college and Dr. Baijnath Tiwari Vice principal Himtaj Degree college, Newerhia, Jaunpur for their timely help and provision of all needed facilities in the course of my investigation.

I acknowledge my sincere thanks to all my friends, Mr. Shashi Kant Shukala, Mr. Badri Bishal Pandey, Mrs. Vandana Upadhayay Mr. Dharm Chandra Pathak, Mr. Ranjeet Singh, Mr. Kaushlendra Bahadur Mishra, Veebha Singh, Rakesh Tiwari, Vinod Kumar Mishra, and Dr. Sunil Sharma etc. The help and contributions made by my class-mates and well wishers who have helped me directly or indirectly in conducting the research and preparing this thesis are gratefully acknowledged.

I am also highly grateful to family member of Dr. K.N. Mishra who have extended their valuable support to preparing this
thesis report. The special wishes goes to my hearty teenagers Anshu, Jaya and Divya for their full and sincere cooperation through out the work.

I express my obligation to my relative Sri. Bhupendra Nath Pandey, Ravindra Km. Mishra, Deelip Km. Dubey, Ajay Km. Pandey and my hearty nephew Sandeep Pandey for giving valuable suggestion, blessing and providing creative ideas

I wish for golden future to my dear students, Sandeep Upadhyay, Subash Chand, and Sandeep Singh for their hard work in all the field beyond their capacity.

My thanks are also due to Mr. Uday Raj Pandey Director (UNI-TECH COMPUTER) and his team mates Sujeet, Yogesh Chandra Rai and Deepak for their contribution in the composing of thesis.

Last but not the least, I can, not forget to express of my sense of gratitude to my wife Mrs. Saroj Mishra and my dear children, Jyoti and Ashutosh for their constant love, inspiration cheer-fuli cooperation providing during the course of present investigation.

Date 15.12.2001

(Om Prakash Mishra)