

ACKNOWLEDGEMENT

It is often difficult to put ones feelings in to words. But the formality demands that, one should do so, to the extent possible.

I make here a sincere attempt to express my deep sense of gratitude to all those who helped me during the course of my research work, knowing fully well those words are no substitute for the pain that they have taken for me.

No words would sustain the appreciation to my Research supervisor, Dr. B. C. Patil ^{M. Sc. Ph. D. F. R. S} Professor (Rtd) of Botany, Karnataka University, Dharwad for his eager involvement, invaluable guidance and moral encouragement. Giving me an opportunity to continue my Research in the field of Plant Breeding and Cytogenetics. I am indebted for his encouragement and valuable guidance.

I am thankful to Prof. G. Shivakumarswamy Chairman and former Chairmens, Prof. S. C. Hiremath, Prof. C. K. Rudramuniyappa, P. G. Department of studies in Botany, Karnatak University, Dharwad for providing necessary facilities. I also express my sincere thanks to members of the staff and research scholars of the Department of Botany Karnataka University Dharwad for their help in various ways.

I deeply express my thanks to Sri. P. C. Siddanagoudar Ex Minister for Environment, Sugar, Textile, Science and technology of Government of Karnataka. Chairman. Sri. Upendra Tripatiji ^{IAS} and my colleagues Sri. K. M. Nagaraj ^{Environmental Officer} Sri. C. M. Satheesh ^{DEO} Sri. J. S. Nayak ^{Scientific Officer} Sri. P. M. Siddanagoudar. ^{S. O.} and Sri. Gopalkrishna. S. ^{Asst. Env. Officer} of Karnataka State Pollution Control Board for their invaluable support.

I am extremely gratefull to my research colleagues Dr. A. R. Nalavadi., Mr. G. S. Mulgund., Dr. S. Vijayakumar., Mr. H.G. Ashokkumar., Dr. R. M. Devarumath., Dr. A. N. Pyati., Dr. B. V. Ravishankar., Mr. B. S. Hosamani., Miss. Suman., S., Mr. Ramnarayan., Mr. Lingaraj, H and my friends.

I also take this opportunity to extend my heartfelt thanks to my parents, brothers, sisters, my wife Beena, Brother in-law Mr. Jagadeesh, Parents in-laws and my uncle A. S. Patil ^{GM}. BSNL Hubli. For their constant encouragement and moral support.



Goudappa M. Patil