ACKNOWLEDGEMENT

Any thesis is the culmination of any course of research study for Doctorate degree; as such it forms the crown piece. This crown piece of my Doctorate degree has taken it shape due to the assiduous efforts of my Advisor and Chairman of my Advisory Committee Dr. M.P. Thakur, Principal Scientist, Department of Plant Pathology, IGKV, Raipur. I express my cordial thanks to him for suggesting the fascinating problem, illuminating guidance, constant encouragement, valuable and fruitful suggestions, able supervision, constructive criticism and constant efforts. I convey my thankfulness to him for his fervency and inspiration, which imbued me with the unparallel zeal throughout the whole investigation, and for sharing the richness of his knowledge.

I owe, profound debt to Co-Advisor Dr. M.L. Naik, Professor, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur for providing all the facilities and help as well as of his valuable suggestions.

With gratefulness, I sincerely acknowledge my regards to Dr. V. Roy, Professor and Head, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur for his magnificent guidance, useful suggestions and sustained interest throughout the tenure of this investigation.

I would like to express my sincere gratitude to Shri R.L. Sharma, Dr. R.K. Dantre, and Shri B.S. Kirar for their kind help and warmest appreciation from time to time.

I am grateful to Dr. B. P. Chandra, Hon'ble Vice Chancellor Pt. Ravishankar Shukla University, Raipur for providing me necessary facilities during the period of my investigation.
With great reverence, I express my gratitude to Dr. K.L. Nandeha, Dr. T.D. Pandey, Dr. S.K. Patil, Dr. S.S. Shaw and Shri R.S. Netam for their invaluable suggestions, scholarly advice and genuine guidance wherever I sought.

I extend my thanks to Shri Sovaram Shau, Shri Awasthi Jee, Kharendra Joshi and non teaching staff of our department who were always ready to provide help in this study.

There are many friends and well-wishers who helped me in various ways towards the present study and they are my invaluable assets. I am highly thankful to them. Among them my special thank are due to Alok Sinha, Vinay Samadhiya, Rañjaram, Vikash Singh, D. Sharma and all other friends for helping me and giving good company during my study.

At last, I am quite at sea, as I can't express my feeling for my parents Father Shri B.N. Thapak, Mother Smt. Savarti Devi, Uncle Shri G.N. Thapak, Brother Shri B.K. Thapak, and Wife Smt. Shashi Thapak who bore the weight of sacrifices with patience. Their continuous encouragement, support, love, advice and faith on my abilities have helped me to set higher. My special and heartiest thanks goes to the cutest boy of the world, my son Somil who’s sweetest talks me smiling even in the hard time.

School of Studies in Life Science
Pt. RSU, Raipur (C.G.)

Sunil Kumar Thapak