ACKNOWLEDGEMENTS

I am greatly honoured to have had such a warm and affectionate personality, Dr. S.K. Mishra, Reader, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur, as my Research Supervisor. The inspiration, support, encouragement and the invaluable advice is greatly acknowledged.

I am thankful to former Head of the School of Life Sciences Prof. S.S. Ali, Ph.D., F.B.S. for encouragement, valuable suggestions, and for providing laboratory facilities. I am also grateful to Prof. M.L. Naik, Head, School of Life Sciences, Pt. R.S.U. for providing facilities.

I am obliged to Prof. M.M. Laloraya, former Vice Chancellor, Pt. Ravishankar Shukla University, Raipur for his kind enquiries, keen interest and constructive suggestions regarding my research work.

I am thankful to Dr. S.C. Naithani, Lecturer, School of Life Sciences, Pt. R.S.U., Raipur and Mr. K.S. Chatai-nya for electrophoretic work.
I sincerely acknowledge Mr. Afaque Quarashi, S.R.F., Biomass Research Center, Pt. R.S.U. for help and support. I also acknowledge all my teachers and colleagues in the department Drs. V. Rai, A.K Pati, A.K. Gupta, (Mrs) A. Poddar, G.B.K.S. Prasad and Nibha Gupta. I also greatful to Research Scholars and M.Sc., M.Phil. students.

I am grateful to all the persons who directly and indirectly responsible for the progress of my research work.

I am deeply indebted to Mrs. Reeta Venugopal, and family for taking care in course of the time.

Lastly, I am immensely fortunate to have the noblest and warmest personalities as my parents, in laws, brothers, and husband Aniruddha, who had always given me their best. I wish I could give them all half of what they have showered so freely on me.

Vijaya Kapde