

## ACKNOWLEDGEMENT

*I owe the deepest gratitude to my research guide Dr. S.V. Kharade, Reader and Head, Department of Zoology, Krishna Mahavidyalaya, Rethare Bk., for the able inspiring guidance, constant encouragement, valuable suggestions, homely affection, keen interest and the dynamism with which he guided and enabled me to completed the work.*

*I am much grateful to Hon. Mr. Jayawantrao Bhosale, President and Mr. Shivajirao Mohite, Vice-President, S.S.P. Mandal, Rethare Bk. for providing the opportunity to work in the college.*

*I offer my sincere thanks to Dr. B.B. Jamale, Principal Krishna Mahavidyalaya, Rethare Bk., for providing laboratory and library facilities.*

*It is also my pleasure to express my sincere gratitude to Dr. G.P. Bhawane, Professor & Head of the Department of Zoology, Shivaji University, Kolhapur, Former Heads of Department of Zoology, Dr. Mrs. Aruna Kanase & Dr. V.A. Sawant, Shivaji University, Kolhapur for supporting me to carry out my research work.*

*I am extremely grateful to Dr. Bhoite, A.S., Principal, Y.C.I.S., Satara & former Secretary, Rayat Shikshan Sanstha, Satara and Dr. M.M. Rajmane, Principal, S.G.M. College, Karad for inspiring me during the course of study.*

*My sincere thanks are due to Mr. S.A. Kadam, Chairman, B.O.S. in Zoology, Shivaji University, Kolhapur and Head of the Dept. of Zoology, Y.C.I.S., Satara, Dr. R.N. Patil, Head, Dept. of Zoology, S.G.M. College, Karad, Mrs. Madnaik U.S., Mr. Kurade P.K., Mr. Shedge H.G., Mr.*

*Ranbhare, V.S., Lecturers, Dept. of Zoology, S.G.M. College, Karad for their encouragement and moral support given to complete this work.*

*I thank to all the faculty members, Mr. S.R. Nikam, Dr. S.S. Patil and Dr. S.S. Bandagar, Dept. of Zoology, Krishna Mahavidyalaya, Rethare Bk., for their co-operation during this work.*

*My sincere thanks to Mr. B.D. Kanase and Mr. Srikant Pardeshi for their valuable co-operation.*

*Special thanks are due to Mrs. Jayamala Kharade for her kind co-operation.*

*It is must to express my deep sense of gratitude to my father Late Mr. Appalal Mulla and my mother Smt. Hamida Mulla, My father-in-law Mr. Ramjan Mulla and my Mother-in-law Mrs. Anisabegum Mulla, my brother-in-law Jwberahmed, my sister-in-law Tabassum, Mr. Vishwajeet & Mrs. Sujata Mahajan, My Sister Nilofar, Mrs. Sujata Sawant for their constant help in completing this work.*

*I am extremely grateful to my brother Ashfaq for his valuable co-operation to carry out this work.*

*I intensely express my sincere gratitude to my husband Mr. Anwarhussain & daughter Siddique without which it would have not been possible on my part to complete this work.*

*Lastly thanks to Mr. Deepak Phatak for his sincere & neat typing.*

**Ms. Yasmin Mulla**