ACKNOWLEDGEMENTS

I sincerely express my deep indebtedness and reverence to my teacher and Research supervisor, Prof. P. Indira, for suggesting this task and for her invaluable guidance, thought provoking criticism, logical suggestions and constant encouragement throughout the progress of this work. Words are inadequate to express my indebtedness to her for taking great pains and effort in the completion of this task. It is a privilege to carry research under her able and conscientious guidance.

I wish to express my thanks to other teaching staff Prof. K. Radhakrishnaiah, Prof. Md. Basha mohideen, Prof. G.H. Philip for their encouragement.

I also express my thanks to Prof. Sankar Naik, Associate Prof. Vijaya Bhaskar, Teaching Assistant Sri. Lakshmi Narayana Reddy, Department of sericulture and Prof. Krishnanaik, Department of History for their constant encouragement throughout the research.

I am greatly indebted to my elder brother Mr. M. Balaji M.Tech., ECIL for his constant help in the outcome of this thesis.

I am thankful to the Director of Sericulture Research Centre, Rapthadu, for the supply of silkworms and mulberry leaves when ever is necessary.

My sincere thanks to Dr. Varalakshmi, Anantapur diagnostic centre, in preparation of slides related to histology.

Finally I wish to convey my thanks to Ram_Sun Computers, Anantapur for typing the research material.

I wish to express my thanks to my friends Srinivas Reddy, Bhushan, Venkateswarlu(Asst. Prof. In Physics), Kallappa, Pothuraju, Venkat Reddy, Bandaru Sreedhar, Tadimattaiah, Nagaraj Naik, Sreenivasarao, Chennaih, Venkata Ramudu, Murali babu, Srikanth, Venkata Rathnamma, Adinarayana and other research scholars for their help and co-operation.

Mude Jagadish Naik..