ACKNOWLEDGEMENT

It is my immense pleasure to acknowledge the help and guidance I got from my supervisor Dr. Papiya Ramanujam. She introduced me to Algal Ecology. Her guidance in every step, encouragement, constructive criticism helped me to bring the work in the final shape. Thank you Madam for all the help extended to me during the whole tenure.

Thanks to Prof. M.S. Dkhar, former Head and Prof. Venugopal, present Head of Botany (Centre for Advanced Studies) and Prof. S.K. Barik for providing me all the indispensable laboratory facilities for completing my research work. My sincere thanks to all other teaching and non-teaching members of the department for rendering their help whenever I needed them.

I also express my sincere thanks to Mr. Des Marbaniang, former driver of the department for his help in field work.

I am thankful to the SDO of PHE Department, Mawphlang for permitting me to collect water samples from the dam site.

I express my sincere gratitude to all my lab mates (Mautushi, Ophilia, Diana and Rosy) for their patience, cooperation, help and persistent support throughout my research work. Thanks for being there unconditionally and for all those extra miles you walked with me.

I am thankful to all my friends (Lucy, Wansah, Beaula, Kông Bido, Viki, Dona and Kit) for all the classic moments and sincere encouragement.

I express my deepest sense of gratitude to my late mother, late brother, sisters and my brother-in-laws for helping me in their sweet little ways in fulfilling my vision, and holding me up in their prayers.

It would have been unfeasible for me to complete this study without the constant encouragement, inspiration and support of my loving and caring husband Lurshai, and
my precious kid, Hagion who at every stage of the study rendered tremendous help and moral support and also for realizing that my dream is their dream.

Financial support received from UGC as Research Fellowship for Meritorious Student in Science in the Department of Botany, NEHU, Shillong and Rajiv Gandhi National Fellowship is also highly acknowledged.

Above all, I'm grateful to God Almighty who kept me in His protective lap and helped me in facing all the critical problems faced during the course of the study. I realized that “I can do everything through God who gives me strength”.

Thanks............To all the people who helped me at different times and in different ways.

Hygina Siangbood