## **ACKNOWLEDGEMENT**

First of all, I would like to thanks God almighty who has been giving me everything to accomplish this thesis is DESIGN OF INSTRUMENT OF SEA WATER TEMPERATURE MEASUREMENT WITH DEPTH VARIATION: Patience, health, wisdom, and blessing. Without all these things, I can't finish this thesis while it is a condition in order to fulfill of the requirements for the Bachelor degree from Physics Department, State University of Medan.

I would like to express the sincere gratitude to the Dean of Faculty of Mathematics and Science State University of Medan: Prof. Drs. Motlan Sirait, M.Sc, Ph.D and also as my examiner, I would like to thanks my great Supervisor, Drs. Rahmatsyah,M.Si and Rita Juliani,Ssi,M.Si for guiding me, giving me motivation and giving his precious time, and also great ideas that enable me to complete this thesis. I also want to convey my sincere gratitude to my academic supervisor, Prof,Drs. Mara Bangun Harahap,M.S: my examiner Drs. Abd HakimS, M.Si and Dr.Nurdin Bukit,M.Si They have given me many contribute in preparing this thesis well. Beside it, I also want to convey great thanks to the principal of Hariawan Digital Center and to Programer Mr Dani ST, thanks a lot for making it easy and friendly.

I want to convey a great thank you to all of lecturers for their great contribution in sharing knowledge and advice during my academic years. I could not complete this thesis well without their good contribution and ideas.

I would like to express thanks to my beloved parent: Martahan Nababan and Sondang Marbun who have been giving me encouragement, Motivation, and all of support that I need in whole of my life. I myself realize that they have much love to give to me and I cannot pay for it. Then I would like to thanks to my family: Bapak Uda Pasaribu, Bapak Uda Lia Nababan, Bou Rico,Nantulang Manalu, special to my great friends in classroom Fisika Non-Dik 2008; Albarra, Arny, Agustina, Berliana, Bed, Berkat, Elsa, Ester, Evi, Ferdinand, Golberd, Henni Ops, Henni Elika, Junita, Jeniary, Jenika, Unita, Liani Dedek, Maysaroh, Siti may, Sri BB, Sri Harahap, Syaril, Wanry, Agus, Adolf,Vismen, my great

friends alumnus SMA Khatolik Sibolga Wardi, Inton, Agus, Entro, Rohani, Sutrisno, Friska, Efri, Boy teguh, Aulia Arif . Beside it I won't forget my friends in my boarding house "gang B" Iar, Wahyu, Herman.and Kiki,and Rumintang Gultom they are great boarding house members and friends of me and surely my second family here. Thanks for make me smile while I can't, all of you are my friends to laugh, to cry, and to share. Believe me, it means everything. Also thanks to my Eklesia Choir that give me place to grow up. Last but not least,

Finally, I myself realize that this thesis is still far from being perfect, therefore I would appreciate and welcome some constructive advice to improve this thesis by <a href="mailto:indrajpnababan@gmail.com">indrajpnababan@gmail.com</a> and I hope it will be precious as it should be.

Medan, July 2012

Indra J.P Nababan Nim: 408221029

