

## List of M. Sc. Thesis

Acc. No. of Thesis	Title of Thesis	Name & Student ID	Supervisor	Year of Submission
Mt/1968 /01	On the Brittle Fracture Initiation Characteristics of Welded Joint for High Strength Steels- 1968.	Moazzem Hussain	Prof. Hiroshi Kihara, Un. of tokyo	1968
Mt/1988 /02	An Experimental study of wear characteristics during cutting 'V' threads.	Md. Khalilur Rahman	Dr. Ahsan Ali Khan	1988
Mt/1991 /03	Investigation of stresses around a crack tip using a special finite element technique.	Uttam Kumer Paul	Prof. Dr. G. M. Khalil	1991
Mt/1996 /04	An investigation of longitudinal bending moment of inland ship due to motions in waves.	Md. Mofazzal Hossain	Dr.Md. Sadiqul Baree	1996
Mt/1996 /05	Ferry fleet planning decision by simulation for inland shipping in Bangladesh.	Kho. Shahriar Iqbal-901904P	Mr.K. H. Chowdhury	1996
Mt/1996 /06	A study of hydrodynamic damping forces acting on heaving bodies.	Md. Mashud Karim-911903P	Prof. Dr. G. M. Khalil	1996
Mt/1996 /07	An analytical study of wave- induced oscillation in basins and harbours of different shapes.	Md. Shahjada Tarafder-921901F	Prof. Dr. G. M. Khalil	1996
Mt/1997 /08	Techno- Economic analysis applied to safety of inland passenger vessels.	Mohammad Rafiqul Islam-921905P	Mr. K. H. Chowdhury	1997
Mt/1997 /09	Evaluation of performance of public sector dockyard.	A. T. M. T. Anowarul Bashar-901901P	Mr. Abdur Rahim	1997
Mt/1998 /10	Analysis and estimate of wave spectra of the Pussur – Sibsa and the Karnafuli river by using fast Fourier transform.	Mohammad Shah Alam-921903P	Prof. Dr. Md. Sadiqul Baree	1998
Mt/2000 /11	An analytical study of vibration newtralizera with	Md. Shahidul Islam-	Prof. Dr. G. M.	2000

	particular reference to deck beam vibrations.	9412003P	Khalil	
Mt/2000 /12	Hydrodynamic analysis of paddle generated waves.	Goutam Kumar Saha-9412001P	Prof. Dr. G. M. Khalil	2000
Mt/2000 /13	Ship hull fairing system design using a mathematical model with spline and Bezier functions.	Md. Mashiur Rahaman-9612004F	Dr. M. R. H. Khondoker	2000
Mt/2002 /14	A comparative study of several methods for predicting added resistance of ships in waves	N. M. Golam Zakaria-9412003P	Prof. Dr. M. S. Baree	2002
Mt/2003 /15	Study of behavior of free fall life boat in regular waves.	Sikder M. Habibur Rahman- 100012004F	Prof. Dr. M.R. H. Khondoker	April 2003
Mt/2003 /16	An investigation of longitudinal bending moment of inland ships due to motions in rough seas.	A. K. M. Kamruzzaman-100012005P	Mr. Abur Rahim	2003
Mt/2003 /17	Motion simulation of a naval vessel with forward speed in a rough sea.	Md. Munir Hassan-100112003	Dr. M. R. Islam	2003
Mt/2005 /18	Environmental and economic comparison of new steel and ship breaking steel as ship building material.	Md. Saidur Rahman-10012001P	Dr. K. S. Iqbal	October 2005
Mt/2007 /19	Computation of potential flow around two dimensional body ranking source method and wave making resistance of wiggle hull by Michel's integral.	S. M. Ikhtiar Mahmud -040312002F	Prof. Dr. G. M. Khalil	2007
Mt/2007 /20	Development of collision dynamics model for ship to ship collision in the inland water ways of Bangladesh.	Zobair Ibn Awal-100512001P	Dr. M. R. Islam	July 2007
Mt/2008 /21	Comparison of various panel methods for the computation of potential flow around two dimensional hydrofoils.	Mohammad Rabiul Islam-040312005	Dr. M. S. Tarafder	2008
Mt/2010 /22	Numerical Investigation of Hydrodynamics Interaction Among Three Dimensional Box-Shaped Floating Structures.	Tasnuva Anan-040812002F	Dr. Md. Tareque Ali	October 2010
Mt/2011 /23	Hydrodynamic Analysis of Wave Slamming on a Horizontal Cylinder	Shamima Akter-0409122011F	Prof. Dr. G. M. Khalil	January 2011
Mt/2011 /24	Computation of Wave Making Resistance of Multi	Md. Shahriar Nizam-	Prof. Dr. M. S.	April 2011

	hulls using a Surface Panel Method.	0409122006	Tarafder	
Mt/2010 /25	Evaluation of Potential Prospect and Challenge of Bangladeshi Shipbuilding in Light of Global Contest.	Khandakar Akhter Hossain	Dr. N. M. G. Zakaria	Jan. 2010 ( <b>Late submission</b> )
Mt/2012 /26	Optimization of Ship Hull Parameters Based of Regression Based Resistance Analysis.	Asim Kumar Sarker-040812003F	Dr. G. K. Saha	January 2012
Mt/2015/27	Evaluation of Environmental Pollution in Bangladesh by Inland Shipping Operation.	Kaosar Rashid-0412122015	Prof. Dr. N. M. G. Zakaria	April 2015
Mt/2015/28	Numerical Computations of Hydrodynamics Force and Motion of TLP Using 3D Source Distribution Technique.	Anup Kumar-0409122002	Prof. Dr. M. R. Islam	
Mt/2015/29	Computation of Ship Hull Resistance Using Reynolds-Averaged Navier- Stokes Equations (RaNSE) in Calm Water.	Sharmin Shabnam -0412122001	Dr. M. M. Rahaman	June 2015
Mt/2015/30	Development of a Marine Propeller Design Method Based on Lifting Line Theory and Lifting Surface Correction Factors.	Ataur Rahman-1009122001	Prof. M. R. Ullah	June 2015
Mt/2016/31	Analysis of Structural Discontinuities in Ship Hull Using Finite Element Method	Kazi Naimul Hoque-0413122009P	Prof. Dr. M. S. Islam	March 2016
Mt/2016/32	Analysis and Development of a Framework for Selected Functions of Quality and Productivity in Apparel Company. (This Thesis work has done under IPE Dept.)	Md. Nurur Rahman-04050814	Prof. Dr. Ahsan Akhtar Hasin, Dept. of IPE	Sponsored by Prof. Dr. K. S. Iqbal
Mt/2016/33	Effect of Waves on Added Resistance of Ships.	Laboni Afroz-0412122009	Prof. Dr. M. S. Baree	
Mt/2017/34	Numerical Simulation of Flow Around Ship Hull Considering Rudder-Propeller Interaction.	Nabila Naz 1014122002P	Prof. Dr. M. M. Karim	28 January 2017
Mt/2017/35	Development of Energy Efficiency Design Index for Inland Vessel of Bangladesh.	Md. Sohamur Rahman St.# 1014122003	Prof. Dr. N. M. G. Zakaria	August- 2017
Mt/2017/36	Numerical Analysis of Turbulent Flow Around	Miad Al Mursaline,	Prof. M. S.	December-2017

	Hydrofoils Using the Finite-Volume Method. Dec.2017	St. # 1015122018	Tarafder	
Mt/2018/37	Numerical Investigation of Crack Propagation in Structures Using Extended Finite Element Method.	Md. Shumon Mia St. # 1015122020	Prof. Dr. M. S. Islam	June-2018
Mt/2018/38	Genetic Algorithm Based Structural Topology Optimization of an Oil Tanker Bulkhead Subjected to Hydrostatic Loads	Sharat Chandra Paul St. ID: 0416122003F	Prof. Dr. M. S. Islam	July-2018
Mt/2018/39	Hydrodynamic Performance Analysis of a Container Ship in Inland Waterway of Bangladesh Using 3D Numerical Simulation-March-2018	Md. Al Amin Miazee- 1014122010P	Prof. Dr. G. K. Saha	March-2018
Mt/2019/40	Risk Analysis of Marine Accident in Inland Waterways of Bangladesh Using Fault Tree Analysis Method.	Ehtasham Ahmed Quraishi-1014122020	Prof. Dr. M. S. Tarafder	May-2019
Mt/2019/41	Numerical Prediction of Free-Surface Wave Induced Separation on a 3D Floating Body.	Md. Habibur Rahman ID: 0416122010	Prof. Dr. M. M. Karim	October-2019
Mt/2019/42	Hazard Analysis of Inland Passenger Ship Operation in Bangladesh Using Systems Theoretic Approach.	Md. Imran Uddin ID: 1015122009	Dr. Z. I. Awal	October-2019
Mt/2020/43	Techno-Economic and Environmental Impact Study of Passenger Water Transport Services in and Around Dhaka City.	Md. Akram Ali ID: 9612001F	Prof. Dr. N.M.G. Zakaria	Late Submitted March 2019
Mt/2020/44	Numerical Analysis of Turbulent Flow Around the Ship Hulls Using STAR-CCM+.	Doyal Kumar Sarker, ID-1017122003	Prof. Dr. M. S. Tarafder	June 2021
Mt/2020/45	Development of a Mathematical Method for Ship Repair Time Estimation-June 2021	Ahammad Abdullah, ID-1015122002	Dr. Z. I. Awal	June 2021
Mt/2021/46	Numerical Analysis of Three Dimensional Turbulent Flow Around Ship Like Bodies Using Finite-Volume Method- June 2021	Waliur Rahman ID-0417122005	Prof. Dr. M. S. Tarafder	June 2021
Mt/2022/47	Numerical Analysis of Dynamic Response and Wave-Load on Multihull Ship Advancing in Waves- Dec. 2021	Md. Moinul Islam ID-0417122015	Prof. Dr. N.M.G. Zakaria	December 2022
Mt/2022/48	Numerical Investigation of Propulsive Performance of a Ship with a Gate Rudder System. March-2022	Md. Daluar Hossain ID:1018122021	Prof. Dr. M. M. Karim	March-2022

Mt/2022/49	Numerical Modelling of a Wave Energy Converter Based on the Wave Climate Around the Saint Martin's Island of Bangladesh-May-2022	Mohua Das- ID: 1018122001	Prof. Dr. G. K. Saha	May-2022
Mt/2022/50	A Topology Optimization Procedure for Ship Structures Having Irregular Design Domain. Sep. 2022	Ali Zulkar Nayem ID-1017122004	Prof. Dr. M. S. Islam	September-2022
Mt/2022/51	Prediction of Fuel Consumption and Evaluation of Energy Efficiency of Ships in Bangladesh Using Machine Learning.	Ishrar Israil Monisha ID-1018122006	Prof. Dr. Z. I. Awal	June 2023
Mt/2022/52	Hydrodynamic Interaction of Two Floating Bodies in Regular Waves. May-2024	Golam Sobahani ID-0419122006	Prof. Dr. M. T. Ali	May-2024