# MY THESIS TITLE

By

STUDENT NAME

Student ID: 12344567

A thesis Submitted to the

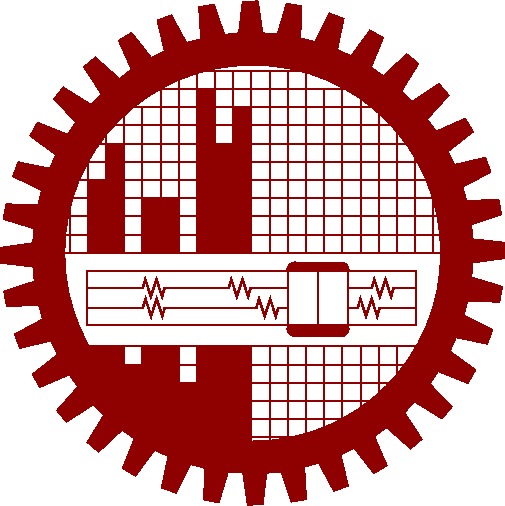
Department of Naval Architecture and Marine Engineering, Bangladesh University of Engineering and Technology,

In partial fulfillment of the requirements For the degree of

# MASTER OF SCIENCE

In

Naval Architecture and Marine Engineering



October 2024

Department of Naval Architecture and Marine Engineering, Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh

# CERTIFICATE OF APPROVAL

The thesis titled “TITLE HERE,” submitted by Student name, Student No. 1234567, Session: October 2022, has been accepted as satisfactory in partial fulfillment of the requirement for the degree of Master of Science in Naval Architecture and Marine Engineering on October 2024.

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**ABSTRACT**

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# NOMENCLATURE AND ABBREVIATIONS

𝐶𝑑 Drag Coefficient

𝐶𝑙 Lift Coefficient

𝑅𝑒 Reynolds Number

# Chapter 1 INTRODUCTION

## Background and Present State

Insert text here. This is reference to a paper [Ali and Bogna´r](#_bookmark41) ([2024](#_bookmark41)). Two or more papers can be cited as ([Ali and Bogna´r](#_bookmark41), [2024](#_bookmark41); [Mohammadpour et al.](#_bookmark42), [2024](#_bookmark42)). You can insert equation. One example is

*𝐶𝑑* =

2*𝐹𝑑* (1.1)

*𝜌𝑈*2 *𝐴*

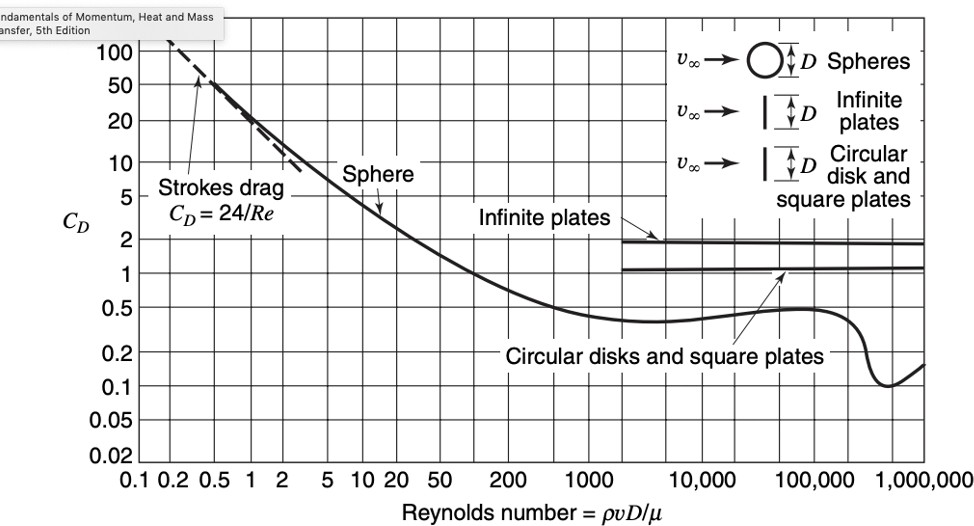


Figure 1.1: *𝐶𝑑* vs Re

## Motivation

The drag coefficient *𝐶𝑑* and Reynolds number *𝑅𝑒* are essential in fluid dynamics.

## Objective of The Research

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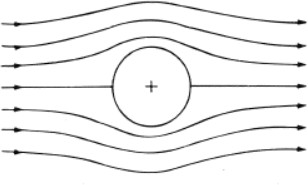


Figure 1.2: Flow around a circular cylinder

This way, a figure can be placed conveniently to conform to the requirements.

## Methodology

Insert Text Here

|  |  |
| --- | --- |
| Re | *𝐶𝑑* |
| *𝑅𝑒*1 | *𝐶𝑑*1 |
| *𝑅𝑒*2 | *𝐶𝑑*2 |

Table 1.1: Drag coefficients at different Reynolds numbers

## Organization of the Thesis

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# CHAPTER 2 NAME

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## Section 2

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**Chapter 3**

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**Chapter 4**

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## Section 4

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## Section 5

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**Chapter 6**

# RESULTS AND DISCUSSION

**Chapter 7**

**CONCLUSIONS AND FUTURE SCOPES**

**Bibliography**

Zainab Ali and Gabriella Bogna´r. Rans study of surface roughness effects on ship resistance.

*Journal of Nonlinear, Complex and Data Science*, (0), 2024.

Javad Mohammadpour, Fatemeh Salehi, Vikram Garaniya, Til Baalisampang, Ehsan Arzaghi, Ross Roberts, Gio Cervella, Jason Newport, Peter Hughes, and Rouzbeh Abbassi. Compu- tational analysis of air bubble-induced frictional drag reduction on ship hulls. *Journal of Marine Science and Technology*, pages 1–15, 2024.

**APPENDIX**