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# Beyond Multi-Agent Path Finding

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UNDERGRADUATE THESIS

*Submitted in partial fulfillment of the requirements of  
BITS F421T Thesis*

*By*

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*Under the supervision of:*

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&  
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BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI, PILANI CAMPUS  
November 2023

# Declaration of Authorship

I, Tanishq Harish DUHAN, declare that this Undergraduate Thesis titled, ‘Beyond Multi-Agent Path Finding’ and the work presented in it are my own. I confirm that:

- This work was done wholly or mainly while in candidature for a research degree at this University.
- Where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.
- Where I have consulted the published work of others, this is always clearly attributed.
- Where I have quoted from the work of others, the source is always given. With the exception of such quotations, this thesis is entirely my own work.
- I have acknowledged all main sources of help.
- Where the thesis is based on work done by myself jointly with others, I have made clear exactly what was done by others and what I have contributed myself.

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# Certificate

This is to certify that the thesis entitled, “*Beyond Multi-Agent Path Finding*” and submitted by Tanishq Harish DUHAN ID No. 2019B5A70636P in partial fulfillment of the requirements of BITS F421T Thesis embodies the work done by him under my supervision.

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# *Abstract*

Master of Science

## **Beyond Multi-Agent Path Finding**

by Tanishq Harish DUHAN

The Thesis Abstract is written here (and usually kept to just this page). The page is kept centered vertically so can expand into the blank space above the title too...

# *Acknowledgements*

The acknowledgements and the people to thank go here, don't forget to include your project advisor. . .

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# Abbreviations

**LAH** List Abbreviations **Here**

# Physical Constants

$$\text{Speed of Light } c = 2.997\,924\,58 \times 10^8 \text{ ms}^{-\text{s}} \text{ (exact)}$$



*Dedicate this to someone, anyone.*

# Chapter 1

## Introduction

### 1.1 Main Section 1

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## 1.2 Main Section 2

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## Appendix A

# Appendix Title Here

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