**Title of the Project**

*Submitted in partial fulfillment of the requirements for the degree of*

Bachelor of Technology

in

**Programme**

*by*

## NAME

**Register Number**

**Under the guidance of Prof. / Dr.**

#### School Name VIT, Vellore.



Month, Year

**DECLARATION**

I hereby declare that the thesis entitled “Thesis title" submitted by me, for the award of the degree of *Bachelor of Technology in Programme* to VIT is a record of bonafide work carried out by me under the supervision of Guide Name.

I further declare that the work reported in this thesis has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Place : Vellore Date :

#### Signature of the Candidate

**CERTIFICATE**

This is to certify that the thesis entitled “Thesis title” submitted by **Student Name & Reg. No**, **School Name**, VIT University, for the award of the degree of *Bachelor of Technology in Programme*, is a record of bonafide work carried out by him under my supervision during the period, 01. 12. 2018 to 30.04.2019, as per the VIT code of academic and research ethics.

The contents of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university. The thesis fulfills the requirements and regulations of the University and in my opinion meets the necessary standards for submission.

Place : Vellore

Date : **Signature of the Guide**

#### Internal Examiner External Examiner

Head of the Department Programme

## ACKNOWLEDGEMENTS

#### Student Name

# Executive Summary

Summary of the thesis

One page and not exceeding 200 words Times New Roman, 12

**CONTENTS Page**

**No.**

#### Acknowledgement i

[Executive Summary ii](#_TOC_250004)

Table of Contents Iii

[List of Figures ix](#_TOC_250003)

[List of Tables xiv](#_TOC_250002)

Abbreviations xvi

[Symbols and Notations xix](#_TOC_250001)

1. [INTRODUCTION 1](#_TOC_250000)
   1. Objective 1
   2. Motivation 2
   3. Background 3
2. PROJECT DESCRIPTION AND GOALS 3
3. TECHNICAL SPECIFICATION 3
4. **DESIGN APPROACH AND DETAILS (as applicable)** .
   1. Design Approach / Materials & Methods .
   2. Codes and Standards .
   3. Constraints, Alternatives and Tradeoffs .

#### SCHEDULE, TASKS AND MILESTONES .

1. **PROJECT DEMONSTRATION** .
2. **COST ANALYSIS / RESULT & DISCUSSION (as applicable)** .

|  |  |  |
| --- | --- | --- |
| 8 | **SUMMARY** | . |
| 9 | **REFERENCES** | . |
|  | **APPENDIX A** | . |

**List of Figures**

|  |  |  |  |
| --- | --- | --- | --- |
| **Figure No.** |  | **Title** | **Page No.** |
| 2.1 | Figure caption |  | 13 |
| 2.2 | Figure caption |  | 15 |

(In the chapters, figure caption should come below the figure and table caption should come above the table. Figure and table captions should be of font size 10.)

### List of Tables

**Table No. Title Page No.**

2.1 Table caption 28

## List of Abbreviations

3GPP Third Generation Partnership Project

2G Second Generation

3G Third Generation

4G Fourth Generation

AWGN Additive White Gaussian Noise

## Symbols and Notations

f CFO

 NCFO

### INTRODUCTION

* 1. OBJECTIVE

(Times new roman-12 font size, 1.5 line spacing)

## References

1. Sergiy Fefilatyev, “Algorithms for Visual Maritime Surveillance with Rapidly Moving Camera”, Doctoral dissertation, University of South Florida, 2012.
2. Domenico Bloisi, Luca Iocchi, Michele Fiorini, Giovanni Graziano, “Automatic Maritime Surveillance with Visual Target Detection”, International Defense and Homeland Security Simulation Workshop (DHSS), September 2011.
3. Domenico Bloisi, Luca Iocchi, Michele Fiorini, Giovanni Graziano, “Camera Based Target Recognition for Maritime Awareness”, Information Fusion (FUSION), 15th International Conference, July 2012.

[4]. Rodrigo Da Silva Moreira, Nelson Francisco Favilla Ebecken, Alexandre Soares Alves, Frédéric Livernet4, Aline Campillo-Navetti, “A Survey on Video Detection and Tracking of Maritime Vessels”, IJRRAS 20, July 2014.

1. Digi-key Corporation. <http://www.digikey.com/>
2. Alldatasheet. <http://www.alldatasheet.com/>