

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.



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

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, for the award of the degree of *Bachelor of Technology in Programme*, is a record of bonafide work carried out by him / her 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

| | Page |
|--|-------------|
| | No. |
| Acknowledgement | i |
| Executive Summary | ii |
| Table of Contents | lii |
| List of Figures | ix |
| List of Tables | xiv |
| Abbreviations | xvi |
| Symbols and Notations | xix |
| 1 INTRODUCTION | 1 |
| 1.1 Objective | 1 |
| 1.2 Motivation | 2 |
| 1.3 Background | 3 |
| 2 PROJECT DESCRIPTION AND GOALS | 3 |
| 3 TECHNICAL SPECIFICATION | 3 |
| 4 DESIGN APPROACH AND DETAILS (as applicable) | . |
| 4.1 Design Approach / Materials & Methods | . |
| 4.2 Codes and Standards | . |
| 4.3 Constraints, Alternatives and Tradeoffs | . |
| 5 SCHEDULE, TASKS AND MILESTONES | . |
| 6 PROJECT DEMONSTRATION | . |
| 7 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

δf

CFO

ε

NCFO

1. INTRODUCTION

1.1. 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.
- [5] Digi-key Corporation. <http://www.digikey.com/>
- [6] Alldatasheet. <http://www.alldatasheet.com/>