

IOT Based Smart Home Automation

Project Report submitted to

DON BOSCO COLLEGE OF ARTS AND SCIENCE, KEELA ERAL

(Affiliated to Manonmaniam Sundaranar University)

in partial fulfillment of the requirement for the award of the degree in

BACHELOR OF COMPUTER APPLICATIONS

By

T.Marimuthu(20172041401223),

L.Britto(20172041401210),

P.Ansalin Bino(20172041401205),

M.Antony KaranRaj(20172041401206),

S.VargeesGuruNishal(20172041401244)

Under the guidance of

MRS.S. KRISHNAVENI M.Sc., M.Phil.,

Assistant Professor of Computer Applications



DEPARTMENT OF COMPUTER APPLICATIONS

DON BOSCO COLLEGE OF ARTS AND SCIENCE, KEELA ERAL

THOOTHUKUDI DISTRICT – 628 908

APRIL 2020

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Assistant Professor,

Department of Computer Applications,

Don Bosco College of Arts and Science,

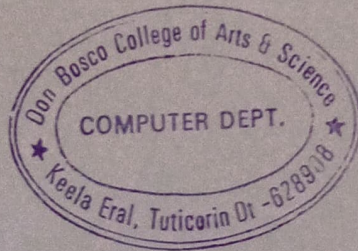
Keela Eral, Thoothukudi District – 628 908

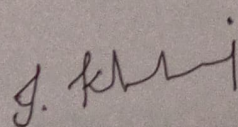
CERTIFICATE

This is to certify that this project work entitled **“IOT Based Smart Home Automation”** is a bonafide record of the work independently done by **T.Marimuthu(20172041401223)** doing BCA Degree Course, Don Bosco College of Arts and Science, Keela Eral under my guidance during the academic year 2019 – 2020. I further certify that this project work or any part of it has not been submitted by her elsewhere for any other degree, diploma or any other similar title.

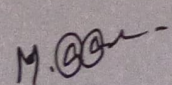
Place: Keela Eral

Date: 29/09/20




MRS.S. KRISHNAVENI

(GIUDE)


INTERNAL EXAMINER

Dr. M. SIVASANKARI

T.Marimuthu,

20172041401223,

Department of Computer Applications,

Don Bosco College of Arts and Science,

Keela Eral, Thoothukudi District – 628908

DECLARATION

This project work entitled **“IOT Based Smart Home Automation”**

has been independently carried out by me as a student of Don Bosco College of Arts and Science, Keela Eral, in partial fulfillment of the requirements for the BCA Degree Course under the guidance of **MRS.S. KRISHNAVENI** Assistant Professor of Computer Applications in our college. I further declare that this project work or any part of it has not been submitted elsewhere for any other degree or diploma.

Place: Keela Eral

Date:

Signature of the Candidate

ACKNOWLEDGEMENT

First of all, I praise and thank God, the Almighty for having given me an opportunity to do this work, and showering his blessing upon me to complete this project in time without any difficulties.

I express my sincere thanks to **DR. A. AMALA JEYA RAYAN M.S.W.,M.A.(CYS), Ph.D.**, Secretary, Don Bosco College of Arts and Science, Keela Eral for providing excellent lab facilities and patronage care with great support and encouragement in this project.

I express my sincere thanks to our principal **DR. S. PIOUS MISSIER M.Sc., M.Phil., B.Ed., Ph.D.**, for his support to complete this project work.

I am highly grateful and deeply indebted to my guide **MRS.S. KRISHNAVENI M.Sc., M.Phil.**, Assistant Professor of Computer Applications for her marvelous guidance, right from the selection of the topic and continuous encouragement throughout the period of my project work. I deem it to be a great privilege to work under her guidance.

I also thank to my professor who gave their full – fledged support and encouragement all throughout.

My heartfelt thank to each and every one of my family members for their kind support, cheerful works, careful advice, blessings and prayers which veers my study and life to achievement.

Last but not the least, I wish to thank all my beloved friends who always rendered help during the entire period of project development.

Name of the student

T.Marimuthu