

HOME AUTOMATION USING IOT

*A project report submitted in partial fulfillment of the requirements
For the award of the degree of*

BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING

Submitted by . .

K VENKATA MOHAN
(15811A0212)

M H R SEKHAR
(15811A0214)

T CHAITANYA
(15811A0229)

S HARISH
(16815A0219)

S SRAVANKUMAR
(16815A0222)

Under the Esteemed Guidance of

Mr U ANJIAH
Assistant Professor



**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada, AP)

(An NAAC Accredited Institution)

Tamaram, Narsipatnam, Visakhapatnam-531113

(2018-2019)

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada, AP)
(An NAAC Accredited Institution)
Tamaram, Narsipatnam, Visakhapatnam-531113

**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**



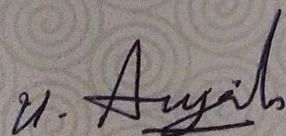
CERTIFICATE

This is certify that the project report entitled “HOME AUTOMATION USING IOT” is a bonafide work submitted by **K VENKATA MOHAN, M H R SEKHAR, T CHAITANYA, S HARISH, S SRAVAN KUMAR** in partial fulfillment of the requirements for the award of degree of

**BACHELOR OF TECHNOLOGY
IN
ELECTRICAL & ELECTRONICS ENGINEERING**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,
KAKINADA**

During the academic year
(2018-2019)



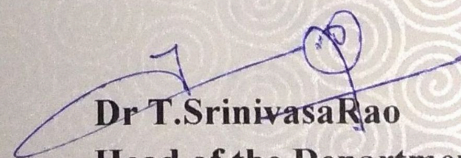
Internal Guide

Mr U. Anjaiah

Assistant. Professor

Dept. of Electrical & Electronics Engg.

Narsipatnam.



Dr T. Srinivasa Rao

Head of the Department

Dept. of Electrical & Electronics Engg.

Avanthi Institute of Engg. & Tech.

Narsipatnam.

ABSTRACT

With advancement of Automation technology, life is getting simpler and easier in all aspects. In today's world Automatic systems are being preferred over manual system. With the rapid increase in the number of users of internet over the past decade has made Internet a part and parcel of life, and IOT is the latest and emerging internet technology. Internet of things is a growing network of everyday object-from industrial machine to consumer goods that can share information and complete tasks while you are busy with other activities. Wireless Home Automation system(WHAS) using IoT is a system that uses computers or mobile devices to control basic home functions and features automatically through internet from anywhere around the world, an automated home is sometimes called a smart home. It is meant to save the electric power and human energy. The home automation system differs from other system by allowing the user to operate the system from anywhere around the world through internet connection.