

HOME AUTOMATION USING RASPBERRY PI

Major project submitted to the Jawaharlal Nehru Technological University in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING

Submitted By

Prashant Jedidiah Kodamala	(14R01A0524)
Mounika Pisupati	(14R01A0539)
Rajdeep Bhattacharjee	(14R01A0544)
Aashish Thota	(14R01A0555)

Under the Guidance Of

Dr. M. Janga Reddy
Principal



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CMR INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Affiliated to JNTU, Hyderabad)

Kandlakoya, Medchal road, Hyderabad.

2017-2018

CMR INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Affiliated to JNTU)

Hyderabad, Kandlakoya, Medchal road, Hyderabad.



CERTIFICATE

This is to certify that project entitled **“Home Automation Using Raspberry Pi”** is being submitted by

Prashant Jedidiah Kodamala (14R01A0524)

Mounika Pisupati (14R01A0539)

Rajdeep Bhattacharjee (14R01A0544)

Aashish Thota (14R01A0555)

have successfully completed their major project work during academic year 2017-2018 at CSE Department of CMRIT, Hyderabad. The implementation of this project was coordinated in our premises by their efforts, in executing the assigned project are commendable and project is completed within the time frame.

Internal Guide

**Dr. M. Janga Reddy
Principal**

Co-ordinator

**Mrs. B. Sunitha Devi
Associate professor**

HOD

**Dr. S. Arvind
Professor**

External Examiner

ACKNOWLEDGMENT

We are extremely grateful to **Dr. M. Janga Reddy**, Principal, CMR Institute of Technology for their inspiration and valuable guidance during entire course duration.

We are extremely grateful to **Dr. S. Arvind**, HOD, Department of CSE, CMR Institute of Technology for his constant guidance, encouragement and moral support throughout the project.

We are extremely grateful to **Dr. M. Janga Reddy**, Principal, Internal Guide, CMR Institute of Technology for constant guidance, encouragement and moral support throughout the project.

We are extremely grateful to **Mr. M. Ravi**, Associate Professor, Coordinator, CMR Institute of Technology for his constant guidance, encouragement and moral support throughout the project.

We will be failing in duty if we do not acknowledge with grateful thanks to the authors of the references and other literatures referred in this project.

We express our gratitude to all staff members and friends for all help and co-ordination extended

in bringing out this project successfully in time.

Finally, we are very much thankful to our parents who guided directly or indirectly every step towards success.

PRASHANT JEDIDIAH KODAMALA (H. T. No. 14R01A0524)

MOUNIKA PISUPATI (H. T. No. 14R01A0539)

RAJDEEP BHATTACHARJEE (H. T. No. 14R01A0544)

AASHISH THOTA (H. T. No. 14R01A0555)