

WIRELESS HOME AUTOMATION

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

BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING

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(Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada, AP)
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Tamaram, Narsipatnam, Visakhapatnam-531113

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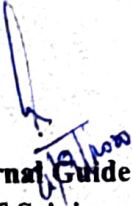
CERTIFICATE


This is certify that the project report entitled “**WIRELESS HOME AUTOMATION**” is a bonafide work submitted by **CH BHANU TEJASWINI, P HARI KRISHNA, B SATYA GIREESH, CH MANASA, N PAVAN KALYAN** in partial fulfillment of the requirements for the award of degree of

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ABSTRACT

Now a days we are aiming for a relaxing and more laid-back home. Technology plays a major role in making our homes more automated and hence laid back. This Thesis aims to design and implement cost effective but yet flexible, adaptable, and secure Home automation system. Paper presents design and prototype implementation of a basic home automation system based on microcontroller and Bluetooth module. When automating a home load not available in the visible range, fault identification system in this design helps the user to ensure that their home appliances had gone exactly ON or OFF by an Android OS smart phone. Each home load will be having two commands ON and OFF commands. If we want to control more loads then we can install a raspberry pi module which will give more probability for more loads. We make it more secure by providing password protection to allow only authorised users from accessing the appliances at home.