

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM**



A Project report on

**“HUMIDITY AND TEMPERATURE CONTROLLED
HOUSE”
(KSCST approved project)**

A dissertation submitted to the Department of the Electrical & Electronics Engineering of Visvesvaraya Technological University, in the partial fulfillment for the award of degree of Bachelor of Engineering during the academic year 2010-2011.

PROJECT ASSOCIATES

- 1. MALATHI.G**
- 2. SIRISHA.M**
- 3. VARAPRASAD.G**
- 4. RAGHAVENDRA.M**

3VC07EE018
3VC07EE037
3VC07EE045
3VC07EE421

PRINCIPAL

Dr. H.MAHABALESWARA M.Tech., Ph.D.,

Project Guide & Coordinator

Sri M. JAYASHANKAR M.S.
Asst. Professor
Dept of EEE

Head Of The Department

Sri M.B. MALLIKARJUNA M.S.
Asst. Professor
Dept of EEE



V.V. SANGHA'S
RAO BAHADUR.Y.MAHABALESWARAPPA ENGINEERING COLLEGE
BELLARY-583104, KARNATAKA.
Department of Electrical & Electronics Engineering
NBA ACCREDITED DEPARTMENT

ABSTRACT:

Create a comfortable, controlled Environment. Help people with medical conditions which require certain Temperatures and Humidity levels. Control temperature and humidity of different rooms in one house separately. These can be used in research labs. Instead of using room heater and cooler separately we can use only one instrument which works as both. In commercial sectors for preserving meat, fruits and other products. Biomedical application is the recent application. The plant humidity sensor consists of a handful of inexpensive parts, and gives a reliable indication when the soil is too dry. Circuit is arranged as an oscillator that supplies two complementary switching signals which are never active at the same time and thus form a perfect alternating current source that prevents electrolysis on electrodes