

VISVESVARAYA TECHNOLOGICAL UNIVERSITY



Belgaum - 590014
A KSCST SPONSORED

PROJECT ON
“AUTOMATED FOOD CHAMBER CONTROL
SYSTEM”

**A project report submitted to Visvesvaraya Technological University in partial
fulfillment of the requirement for the award of degree of
Bachelor of Engineering in Telecommunication**

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ABSTRACT

“Automated food chamber control system” is used to control the delivery of food through food chambers using communication and management resources of modern technology. The main problem faced by people staying in the paying guests, hostels or rooms is related to food and its well-organized management. In order to overcome this, there is a need of proper food management and on time food delivery system. Food chambers are lifted and lowered by JACK

The goal of the project is to provide proper food delivery using automated chambers. It consists of hardware circuitry for sending and receiving RF signals, RF Sensors for remote control of JACK. JACK is mainly used to lift food chambers for our desired height.

The aim of Automated Food Chamber Control System (AFCCS) has been successfully achieved through a detailed study of C language, P89V51RD2 microcontroller, unipolar stepper motor, RF receiver and RF transmitter. This system is able to achieve its objective and can be used for social applications.