

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590 018**



**PROJECT REPORT ON
“Automatic Medicine Dispenser and Ordering
Machine”**

Submitted in partial fulfillment of the requirement for the award of degree of

**BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS**

SUBMITTED BY

**VINODKUMAR
VISHNUTEJA J S
VISHWANATH
VIVEK S ADAGAL**

**1DS10EE111
1DS10EE113
1DS10EE114
1DS10EE115**

**Carried out at
DAYANANDA SAGAR COLLEGE OF ENGINEERING
KUMARASWAMY LAYOUT BANGALORE-560078**

Under the guidance of
Mr.Satish B A
Lecturer
Department of Electrical & Electronics Engineering
DSCE,Bangalore-560078



2013-2014

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DAYANANDA SAGAR COLLEGE OF ENGINEERING

SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Abstract

It is necessary to provide medication to the aged in time. Automatic medication dispenser is designed specifically for users who take medications without close professional supervision. It relieves the user of the error-prone tasks of administering wrong medicine at wrong time.

The project aims at designing an automatic medicine Dispenser cum ordering machine. The machine, once programmed, will automatically pop out the correct medicines at the programmed time and also raise an audio visual alarm to get the attention of the patient or the caretaker. The device will also be fitted with an optional feature, which if enabled; the device will automatically place an order of new supply of medicines to the nearest pharmaceutical shop when the medicines are near exhaustion.

The overall operation is to facilitate the user to set the timings to dispense multiple pills at required timings. The Alarm system is designed to provide two types of indications – one by displaying the time and on LCD and the other by providing a beep sound using buzzer.

The major objective is to keep the device simple and cost efficient. The software used is reliable and stable making the device easy to use and maintain,