

**Title:** PILL ALARM

**Team Details:**

Name	Hall Ticket No.	Title	Dept.
V.KAVYA	14K41A04A8	PILL ALARM	ECE
D.SRIMUKHI	14K41A0472		
K.NIKITHA	15K45A0415		

**Community Partner:**

**Abstract:**

Generally most of us forget to take tablets and old age people are the likely victims, facing severe backyards due to missing of their pills. In such case pill alarm is very useful and it helps in taking tablets at right time As a person is required to give medicine to old people but always a person can't be with them. So, a person can be replaced by a product pill alarm, which alerts them to take the correct medicine at correct time. The major components of this pill alarm are an Arduino UNO, LCD display, buzzer, some resistors and etc. In order to prepare the hardware interface all the components with Arduino. Programming is done according to the stakeholder's medication schedule. Initially LCD, RTC, buzzer are interfaced with the Arduino. As per the timing given, LCD displays the time, date and medicine name and at the same time buzzer will produce sound and LED of corresponding slot will glow. Pill Alarm is much useful for the old people to take care of their health. And also it is easy to carry and also easy to handle. As it has buzzer and also glowing of LEDs it makes them very much easy to take the correct medicine according to their schedule.

**Photos:**

