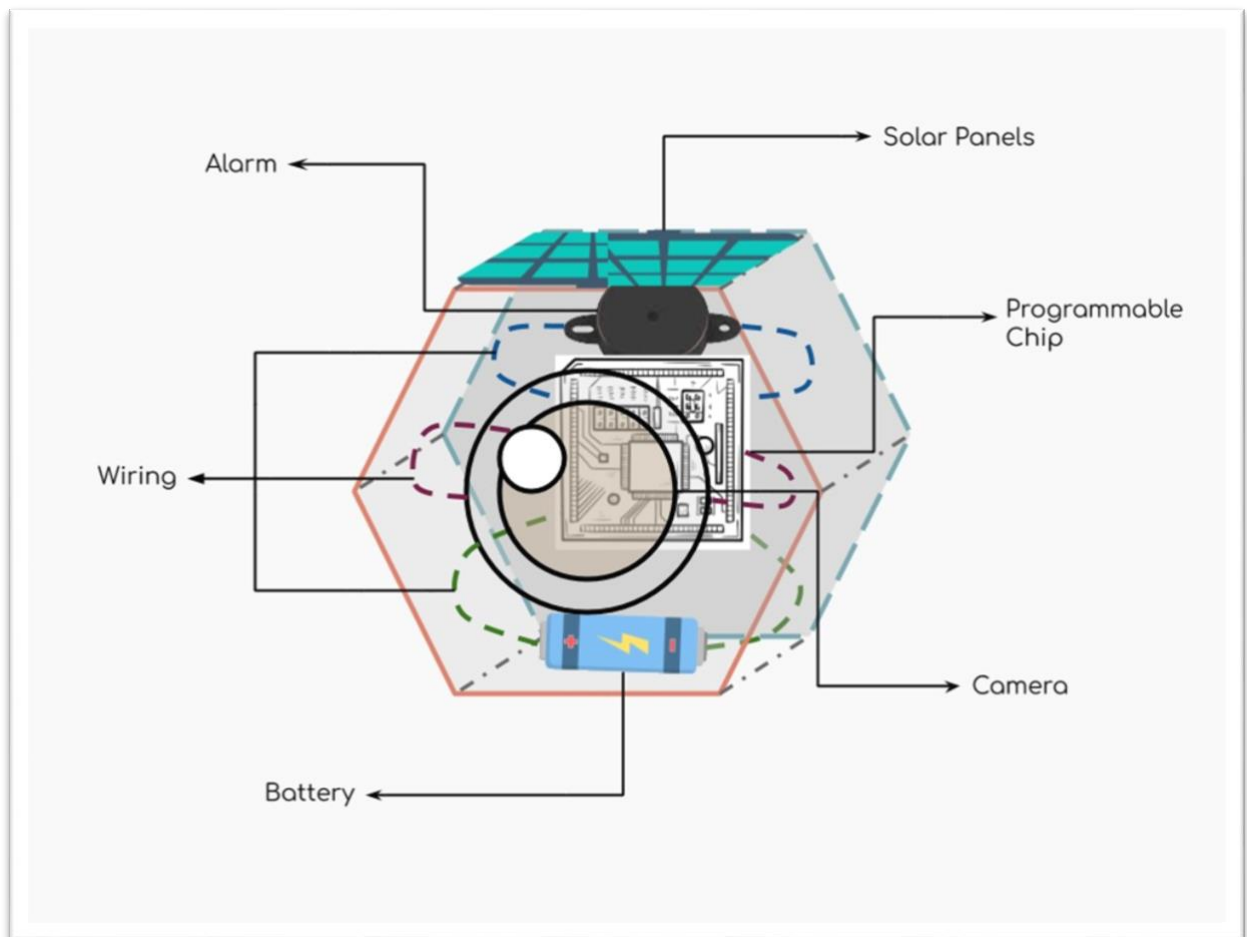# HEXADRIVE

In modern-times, owing to hectic schedules it becomes very difficult to remain active all the time. Often , people fall asleep on the wheel which can lead to serious consequences, there can be accidents and many may even lose their lives. This situation is much more common than we know and hence, it is very important to counter this problem. So to address this issue, we have come up with a solution, Hexadrive.
The HexaDrive works on the basis of a program that identifies whether the driver is alert or dozing using a camera. On the basis of it's observation it starts giving out a buzzing alarm which automatically stops when the driver is alert once more. It even has a compact and unique hexagonal design which allows it to be placed on the dashboard without obstructing the driver's view.

MATERIALS REQUIRED

CALCULATION OF PER PIECE,COST PRICE AND SELLING PRICE OF HEXADRIVE

PART	PRICE(IN RUPEES)		BULK ORDER FOR 5O PIECES
			50500
PROCESSOR	148.4		WITH 15% DISCOUNT
ALARM	49		42925
WIRE	48.25		BULK ORDER FOR 100 PIECES
CAMERA	185		1,01,000
SOLAR PANEL	60		WITH 25% DISCOUNT
BATTERY	12		75750
BATTERY HOLDER	25		
3D PRINTER	24.3		
PRINTER CATRIDGE	2		
HUMAN LABOUR	8		
SWITCH	39.5		
TOTAL	601.45		
G.S.T 18%	108.261		
PROFIT(50% OF C.P)	300.725		
MARKED PRICE	1010.436		
ROUNDOFF	1010		