

## INTELLIGENT HEADLIGHT

Aim- Headlight that can adjust its light direction according to the car in front or a car coming so that the driver of that car does not face any problem.

from where i got this idea - <http://www.youtube.com/watch?v=-dvPZ3H1Vm4>

components- 1). camera to detect light [rs 1500]  
2). led lights[rs 2000]  
3). motor to rotate lights [rs 500]  
4). extra small material [rs 300]

Implementation steps-

Week1- collecting whole information to build it. And assembling components.
Week2- basic design of headlight.
Week3- arranging of the parts.
Week4- coding for the signal detection.
Week5- coding for the giving command after detection of light by camera.
Week6- testing to the fullest and improving design.