**Smart Detection of Defective Street Light**

|  |  |  |
| --- | --- | --- |
| *Abinath K*  *Dept. of ECE*  *M. Kumarasamy College of Engineering, Thalavapalayam,*  *Karur 639 113*  *Affiliated to Anna University*  *abinathkathirdurai@gmail.com* | *Ajay Rahul R*  *Dept. of ECE*  *M. Kumarasamy College of*  *Engineering, Thalavapalayam,*  *Karur 639 113*  *Affiliated to Anna University*  *ajayrahul19823@gmail.com* | *Dharshan PS*  *Dept. of ECE*  *M. Kumarasamy College of Engineering, Thalavapalayam,*  *Karur 639 113*  *Affiliated to Anna University*  *psdharshan30*[*@gmail.com*](mailto:priyariyadharshinipriya@gmail.com) |
|  | *Jegadeesan S*  *Dept. of ECE*  *M.Kumarasamy College of Engineering, Thalavapalayam,*  *Karur 639 113*  *Affiliated to Anna University*  *jegadeesansece@mkce.ac.in* |  |

**Abstract**

This project is developed by our team with a main moto to reduce the work load of the electrician and wiring man. As the process to rectify the complaint of the defective street light may take a lot of time to point out where the problem occurs. In this project, the process can be done in a simple way as the process of finding the defective one is totally automated with IOT process which points out the location with a GPS module, so live tracking process can be done easily. Even though, the process of finding the location can be done with GPS Module as by sending an SMS of the specified lining street lamp number or by storing the coordinates of the location such as latitude and altitude of the place. Thereby, storing the data in the cloud storage and access the location by navigation using maps. For the progress of this project we can use navigation system. hereby, we can enhance the effectiveness of the project and we can also make it as a time efficient process. In modern times, people used to move on with time efficient process. So, the reduction in time period may help people not to suffer a lot by the problems and help the authority to work consistent.

***Keywords: GPS Module, SMS, Navigation, IOT, Cloud storage, Time efficient.***