

IoT Based Circuit Breaker using Password

Shreyas Yadav¹, Yashwant Pawar², Amrapali Gotpagar³, R. A. Kharade⁴

B. E. Students, Department of E & TC^{1,2,3}

Guide, Department of E & TC⁴

Dr. Daulatrao Aher College of Engineering, Banawadi, Karad, Satara, Maharashtra, India

Affiliated to Shivaji University, Kolhapur, Maharashtra, India

Abstract: *Now a day Electrical accident to the lineman is increasing while repairing electrical line due to lack of communication between the electrical substations & maintenance staff. The project use a solution to this problem to line & safety in this proposal system control ON, OFF of electrical lines lies with lineman this project arranges in such a way that maintenance staff are lineman as enter the password to on off electrical line now if there is any fault in electrical line then lineman will switch off power supply through line by entering the a password and comfortable repair the electrical line & after coming to the substation lineman switch on the supply to the particular line by entering the password.*

Keywords: GSM, Password Security, Circuit Breaker Control, Lineman Circuit

REFERENCES

- [1]. Electric linemen safety system with OTP based circuit breaker IJRET International Journal of research in Engineering and technology volume special issue.
- [2]. Electric linemen safety using microcontroller with GSM MODEM IJSRD International journal for scientific.