

In future we can also add modem device and we can easily operate the devices like fans, lights, motors etc., through a based mobile phone.

The system has a IoT a modem, temperature, current, voltage sensors and the devices to be operated through the switches like relay which are interfaced to the micro controller.



Fig.3 working model

7. REFERENCES

- [1]. N. Loganathan, J. Prasanth, R. Shankara Saravanan, V. Jayasuriya and S. Karthikeyan, "Smart Substation Monitoring and Control," *2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)*, 2021, pp. 657-661, doi: 10.1109/ICACCS51430.2021.9442002.
- [2]. L. Zhao, I. Brandao Machado Matsuo, Y. Zhou and W. Lee, "Design of an Industrial IoT-Based Monitoring System for Power Substations," in *IEEE Transactions on Industry Applications*, vol. 55, no. 6, pp. 5666-5674, Nov.-Dec. 2019, doi: 10.1109/TIA.2019.2940668.
- [3]. A. R. Al-Ali, Raafat Aburukba, "Role of Internet of Things in the Smart Grid Technology", *Journal of Computer and Communications* Vol.03 No.05(2015), Article ID:57559, 5 pages 10.4236/jcc.2015.35029.