**“RFID BASED ELECTRICITY CONTROLLER”**

**B.E. Student ,8th Semester,R.G.C.E.R,NAGPUR.**

**Department of Electronics Engineering**

**Sayali Salodkar,Sayali Vyawahare,Avanti Badhe,Radhika Gurjar**

([sayalis1391@gmail.com](mailto:sayalis1391@gmail.com), [aveavanti1992@gmail.com](mailto:aveavanti1992@gmail.com))

This project presents a design of Radio Frequency Identification Device based electricity controller with RFID as the main component.In this project , we are using P89LV51RD2 controller. In ths system, the user will be provided with a tag of fixed price and the certain time limit for the usage of electrical components/electricity will be fixed depending upon the price of the tag. Thus, as per the cost of the tag, the user would be able to use the electrical components for the certain time limit. It would be implemented in industries, houses, hotels and guests houses leading to saving of electricity consumption. The overview of RFID technology is presented to give an illustration about the advantages of this technology. RFID is now being used in a variety of public and private sector settings, from hospitals to highways. RFID is becoming increasingly prevalent as the price of the technology is decreasing.