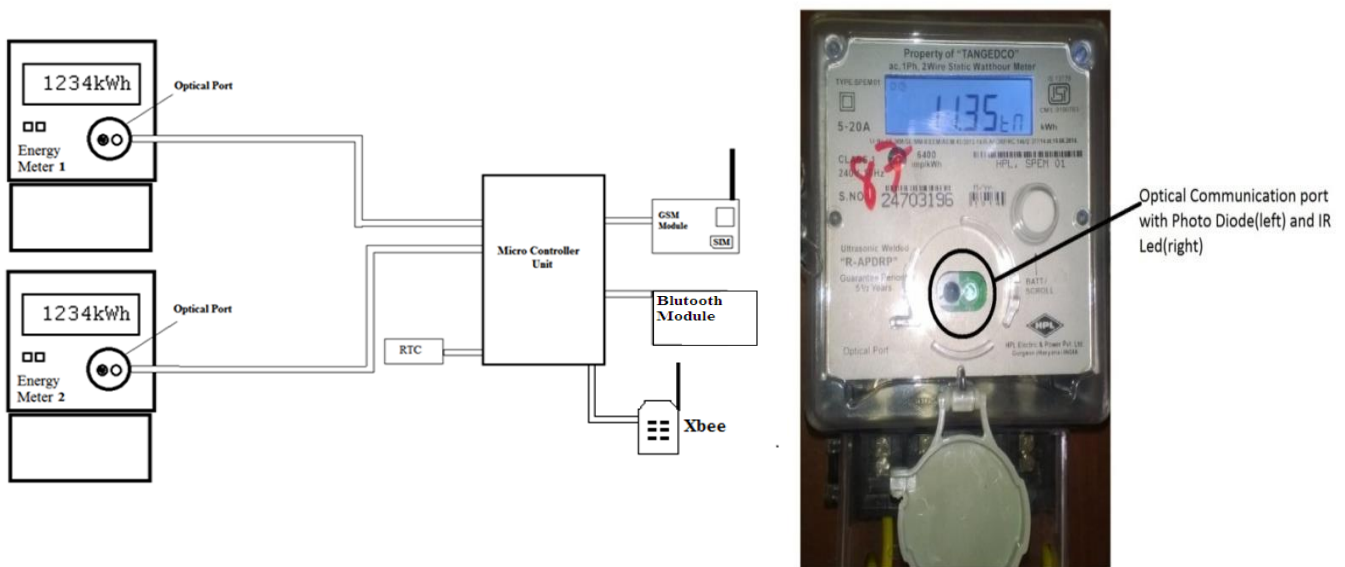


Internet of E&E Appliances

The project deals with one of the most essential resources in today's life, i.e., electricity. Apart for the usage and enjoyment of electricity, people are concerned about the bills they have to pay for it and are really worried about their electricity consumption and they don't have time for checking their energy meters frequently.

The device can be mounted on the meter that will give information about their energy consumption and details of various device usages. The key aim of this project is that electrical energy can be conserved and it will help in dealing energy crisis. Such an idea will surely have an impact among the society especially in populated areas

Block Diagram



Applications: This project would highly help in having predominant control over the electricity consumption every month and hence if it is successful enough of saving, for example say at least 10 units per house, even then it yields high profit of saving number of units in those populated regions. All these notifications can either be sent as SMS for low end mobile user and for high end cases they would be notified through an app which is user-friendly. Also it project includes individual monitoring of devices or instruments with the help of Xbee technology. This is highly helpful in industrial field sectors.

Won the cash award of INR 10,000 during IEEE Student Project Funding (SPF) Competition 2016.

Filed with Intellectual Property Rights-2016