Energy crises in the country is great bottleneck. There is huge demand of energy all over the globe. We lose so much energy, particularly in the old system. Energy issues and technology change have played crucial roles in energy saving. Electrical appliances used in the past consume most of the power [1-5] and even though today’s most of the electrical appliances are having inbuilt features for power management. These appliances are used everywhere in the offices and home. These appliances are computers, computer peripherals such as monitors, printers. But all the time these will never get shutdown. But they go into sleep mode or idle mode, but still they consume energy. This is avoided in the proposed system, where these appliances are made OFF. These are made ON as on when required by giving trigger when we work on it. This embedded system saves 10% overall power consumed in a year.

References

- Ying-Wen Bai, and Yi-Te Ku, “Automatic room light intensity detection and control using a


- Kyoung-Mi Im, Jae-Hyun Lim," An Intelligent Standby Power Control System Design based on User Location and Appliance Usage Pattern in Smart Home", Journal of Convergence Information Technology(JCIT), pp 1231-1241, Volume8, Number8, April 2013


AQM  Standby Power,  Energy Saving,  Appliances,  Dynamic Controlling, Dynamic Energy Management system (DEMS)