

## **Sri A.S.N.M Government College(A), Palakol**

### **Department of Physics- BEST PRACTICE**

**Title of the Practice:** Save Energy

#### **Objectives :**

- Save energy today for a better tomorrow
- To reduce electricity bill
- To inculcate a good habit among students which they can carry with themselves and implement in further stages of their lives

#### **The Context :**

On average, 5% of electricity is consumed monthly as standby power, i.e. power consumed when devices are not in use but kept plugged in. For example, a tube light consumes approximately 18 Watts of energy, a mobile charger consumes 1 Watt approximately as standby power when left unplugged even after the mobile is charged, however, these numbers vary depending on the type and size of the appliance. As this habit is observed more frequently in public places say academic institutions and government offices, saving this standby power is very important. Inculcating this practice among students who are pillars of the future generation will build a better nation.

#### **The Practice :**

As a part of this practice, signboards(paper) were displayed in all departments including the Principal chamber. The signboards show the message “ **Switch Off the Lights, Fans, and all electrical appliances when you leave the room**”

#### **Evidence of Success:**

It was observed that students and staff started paying attention and the consumption levels of electricity also decreased which was reflected in our electricity bills.

#### **Problems Encountered:**

- Though there was a good response initially, it didn't stand in long run and a few students still continued to leave the electric appliances unplugged. To improve the response and inculcate this habit, we took the help of student volunteers who reminded the students to switch off the electric appliances when not in use.

#### **Resources Required:**

These signboards would be a temporary solution because they would only remind the students and there are chances that these would be torn off. So as a permanent solution, these signboards could be painted permanently. This would also reduce paper wastage and thus can reduce deforestation.

