

Shri Vijaysinha Yadav Arts and Science College, Pethvadgaon

DEPARTMENT OF PHYSICS

Short Term course in

Analysis of Power Consumption in Home Appliances

Name of Activity: “Analysis of Power Consumption in Home Appliances”

Date and Time of activity conducted: 05 to 22, July 2019

Target Group: B. Sc. II Students and their families

Number of Students Involved: 60

Name of Organizer: Department of Physic, Shri Vijaysinha Yadav
College, Pethvadgaon

Short Description of Activity Conducted:

There are a number of reasons why you should consider cutting back on energy consumption. First of all, reducing energy use limits the number of carbon emissions in the environment. Carbon emissions play a significant role in climate change, which is thought to be the cause of powerful natural disasters in recent years. With billions of harmful emissions in the atmosphere, cutting back is always a good thing.

In turn, conserving energy produces a higher quality of life. Reduced emissions result in cleaner air quality. In addition, it helps create a healthier planet, or at least helps sustain the resources we already have. Being conservative with energy can ensure that lakes, trees and animals are around for future generations.

So department of Physics decided to conduct a short term course in power consumption analysis entitled “Analysis of Power Consumptions of Home Appliances”. This course helps students to analysis power consumption in their homes and lowers their electricity bills by reducing the consumption. In turn it will be helpful in aware the people

about effect of higher power consumption on environment. In this STC 60 students of B. Sc. II were admitted. Theory syllabus was taught in college as per time table. Practicals on how to calculate power consumption of a particular unit such as bulb, fan, fridge, mixer grinder etc was carried out.

After completing theory and practical's students collected previous five months electricity bills of their homes. Observe electricity uses in their homes for a week and then analyses the power consumptions. Discussion with all the students after power consumption analysis of their homes leads to no. of ways of saving power.



Signature of Organizer

Signature of Principal