

“Event of Maintenance of Home Electrical Appliances”:

1. Information about the Event

- a. College Name – Sandip Institute of Engineering & Management
- b. Department Name : **Electrical**
- c. Title of the event : “**Maintenance of Home Electrical Appliances**”
- d. Date of the Event : 28/06/2014 & 29/06/2014
- e. Time of the Event : 10:00 am to 5:00 pm

2. Description of the event :

28 June 1030 to 1100 hrs Formal introduction

1100 to 1200 hrs Lecture part -Knowledge about house wiring, series test lamp, application, Basic concept & Types of single phase motor.

1215 onwards - Hands on practicals of dismantling, studying constructional details and reassembling of - Fan & regulator(including wiring to be done, water heater (including plumbing connections to be done), mixer, demo of washing machine (manual), electric iron thermostat control. During discussions on equipments the common faults & fault finding procedure is discussed with each batch separately.

29 June 1030 to 1200 hrs - Why SMPS is used in almost all electronic control circuits, basic circuit. Diagram, working & fault finding procedure. Equipments handled AC drive, temp. controller , power supply for DC drives, power supply for LED, charger for mobile, all above equipments have SMPS & 70% faults are in power supply. Demo of SMPS in computer monitor.



Felicitation of Mr.Sahastrabudhe By HOD Prof.H.R.Kulkarni



Lectur Deliverd by Mr. Sahastrabhude



Students studying mixer assembly



Practical session