

Course Code: EIPS - 104		
Course Title: Maintenance and Repair of Home Appliances– I Lab		
Number of Credits: 03	Total Hours: 84	Total Marks: 75
Prerequisites for the course		
Should have basic knowledge of electricity and working knowledge of low power home appliance devices.		
Objectives of Course		
This course is intended to provide the laboratory training of repairing home appliances. Identify the faults of each part and repair it or replace the part.		
Course Content		84 Hours
Expt. 1: Dismantle and identification of various parts of electric iron, wiring, tracing of various controls, testing of wire, thermostat. Expt. 2: Identify various components of the Electric rice cooker, controls and trace the circuit and rectify the simulated faults. Expt. 3: Identify various components of Electric kettle, control and trace the circuit and rectify the simulated faults. Expt. 4: Dismantle and identification of various parts, wiring, tracing of various controls, Electronic circuits in various types of Mixer. Identify the faults in various types of Mixers/grinders & rectify Expt. 5: Identify various components of the Electric geyser, controls and trace the circuit and thermostat. Expt. 6: Dismantle and identification of various parts of grill oven, wiring, tracing of various controls, testing of wire, thermostat. Expt. 7: Installation of ceiling fan, replacing capacitor and motors. Assembling and disassembling table fan. Expt. 8: Identify various components of electric drill and troubleshooting. Expt. 9: Identify the parts of the water purifier, filters and power supply unit.		
Pedagogy		
Lab experiments		
Course Outcome		
On completion of the course, students will be able to identify different important parts of the devices and perform the basic action on the faulty home appliance. If necessary student will be able to replace the faulty parts.		