

SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24/01/2018

Name of Event: Value added program on Refrigeration and Air Conditioning

Date of Event: 22/01/2019 to 24/01/2019.

Resource Person: Mr. Deepak Gangadhar Gavhane, AC Mechanic, Project Department, SITRC.

Objectives:

1. To understand the working of vapor compression system used in domestic refrigerators and air conditioners and the working of different components used in VCS.
2. Troubleshooting of domestic refrigerators and air conditioners.

Outcomes:

In this value added course students understood the working of vapor compression system. Students also observed the working of hermetically sealed compressor, condenser, evaporator unit, capillary tube various Valves, controls like, solenoid valve, Thermostatic Expansion valve, capillary, L.P./H.P. cut outs, thermostats, overload protectors, Gauges used in RAC systems and other components of refrigeration system. Students also came to know about the troubleshooting and maintenance of the various components used in refrigerators and air conditioners.

Participant: TYME Students

Photos:

