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Department of Mechanical Engineering

Daikin centre of excellence

Centre of Excellence was also developed by YMCAUST Faridabad in collaboration with Daikin India Pvt. Ltd. in 2016 for sustaining knowledge and convey industrial implications. This section has different capacity of split & window type air conditioners, indoor outdoor units and variable refrigerant temperature type air conditioners for calculating different parameters at one time.

Daikin COE was established in 2016 with the help of Daikin. The main motive of COE is to generate the skilled technicians for industrial need. Start one year course with the help of Dakin with intake of 60 students in 2016. Two year success fully running the course and in 2018 course is taken by Community centre. All students in 2016 & 2017 batch were get job in different dealers of Daikin in NCR.

List of Equipment fitted in Dakin Centre of Excellence

1. Split A.C(1 Ton)-2
2. Split A.C(1.5Ton)-1
3. Floor standing A.C(3Ton)-1
4. VRV(6H.P)-1
5. Panasonic LED-1

List of Equipment and tools in Dakin workshop

1. PCB Set
2. Mainfoldset-1
3. Deep vacuum pump-1
4. fourway coil-01
5. Body solenoid valve-1
6. Accumulator-2

- 7.CCH heater-1
- 8.thermistor-2
- 9.magnetic switch-4
- 10.electronic expansion valve-1
- 11.RA(5kw,1.5ton)-4
12. round flow cassette (3TR)-2
- 13.VRV-IV- (20 H.P)-1
14. Pa eco8.5ton-1
15. Scroll compressor 2.2kw-1
16. Swing compressor-1





In order to be effective, a Center of Excellence must also evolve. It is an interactive process that demands input from all functional areas and matures to support those different functional areas as things change. Both COEs are functional and training to students is imparted time to time.

