



# CMR ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to JNTU, Hyderabad)

KANDLAKOYA (V), MEDCHAL ROAD, HYDERABAD-501401

## DEPARTMENT OF MECHANICAL ENGINEERING

### A ONE DAY GUEST LECTURE ON “DESIGN OF HVAC SYSTEMS”

**Name of the Resource Person:** Md. Mushtaq Ahmed, Sr. HVAC Engineer,  
**Dhanush Engg. Services India Pvt. Ltd., Hyderabad**

**Date of Training :** 26-09-2018 (1 Day)

**No. of Students:** 400

**Year / Semester:** II / I & III/I

**Venue:** seminar hall, MECH Block CMREC

**Faculty Coordinator:** Mr. T. Ravi Kumar Reddy, Asst. Prof.

**Heating, ventilation, and air conditioning (HVAC)** is the technology of indoor and vehicular environmental comfort. Its goal is to provide thermal comfort and acceptable indoor air quality. HVAC system design is a subdiscipline of mechanical engineering, based on the principles of thermodynamics, fluid mechanics and heat transfer. "Refrigeration" is sometimes added to the field's abbreviation, as **HVAC&R** or **HVACR** or "ventilation" is dropped, as in **HACR** (as in the designation of HACR-rated circuit breakers). HVAC is an important part of residential structures such as single family homes, apartment buildings, hotels and senior living facilities, medium to large industrial and office buildings such as skyscrapers and hospitals, on ships and submarines, and in marine environments, where safe and healthy building conditions are regulated with respect to temperature and humidity, using fresh air from outdoors.

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Kandlakoya (V), Medchal Dist. - 501401 Telangana State, INDIA

A Guest Lecture  
On  
**DESIGN OF HVAC SYSTEMS**

Date: 26<sup>th</sup> September, 2018      Venue: Seminar Hall, D-Block  
Time: 10.30AM

Resource Person: Md. Mushtaq Ahmed, Sr. HVAC Engineer,  
Dhanush Engg Services India Pvt. Ltd., Hyderabad

Organized  
by  
**Department of Mechanical Engineering**

CO-ORDINATOR  
Mr. T. Ravi Kumar Reddy,  
Assistant Professor, ME Dept

