



# POORNIMA

---

## COLLEGE OF ENGINEERING

18<sup>th</sup> January 2016

**Report Of Lecture On *Indoor Air Quality: Best Practices for Design, Construction and Commissioning***

On Monday i.e. Jan 18, 2016, **Department of Mechanical Engineering** of Poornima College of Engineering, Jaipur organized a distinguished lecture on “***Indoor Air Quality: Best Practices for Design, Construction and Commissioning***” in association with **American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE)** and **Indian Society of Heating, Refrigerating and Air-conditioning Engineers (ISHRAE)**. The lecture was delivered by Mr. Hoy Bohanon, President, Hoy Bohanon Engineering PLLC, USA.

The main objective of the lecturer was to make the students and faculties acquainted with Indoor air quality, fundamentals of ventilations, design, and construction and commissioning. The occasion witnessed the presence of **Mr. Hoy Bohanon, President; Hoy Bohanon Engineering PLLC, USA; Mr. Rahul Singhi, Asst. Director, PF; Dr. Om Prakash Sharma, Director PCE; Prof. D.S. Kumani and Mr. Shailendra Kasera, HOD, Mechanical Department, PCE** along with other faculty members of department.

Mr. Rahul Singhi welcomed Mr. Hoy Bohanon, President, Hoy Bohanon Engineering PLLC, USA. He also thanked him for his time and presentation on indoor air quality improvement talk. Dr. Om Prakash Sharma, in his opening remarks, highlighted the significance of Indoor air quality (IAQ) and ventilation & IAQ related to the health and comfort of building occupants. IAQ can be affected by gases (including

Carbon Monoxide, Radon, Volatile Organic Compounds), particulates, microbial contaminants (Mold, Bacteria), or any mass or energy stressor that can induce adverse health conditions. Understanding and controlling common pollutants indoors can help in reducing risk of indoor health concerns.

**Mr. Hoy Bohanon** delivered the lecture on ***“Indoor Air Quality: Best Practices for Design, Construction and Commissioning”***.

He emphasized on ASHRAE standard 62.1 – 2013 focusing on ventilation for acceptable indoor Air Quality. He further added that minimum 15 CFM fresh air per occupant is required in institutes like: home/building etc, He reported regarding purpose of 62.1-2013 energy recovery effect of HVAC on student performance, removal of P M 2.5 & P M 10. MERV 8 rating. At last Mr Shailendra Kasera proposed the Vote of Thanks. More than 200 students from Mechanical Engineering discipline attended the lecturer and were benefited by the talk.



