



## Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

**Campus:** Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; [www.klef.ac.in](http://www.klef.ac.in); [www.klef.edu.in](http://www.klef.edu.in); [www.kluniversity.in](http://www.kluniversity.in)

**Admin Off:** 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

### A Report on Industry Expert Guest Lecture Smart Manufacturing Group Department of ME, KLEF

The Smart Manufacturing Group, Department of Mechanical Engineering, KLEF has organised an Industry Expert Guest Lecture as per the details given below.

**Title:** Enhancing Skills in Air Conditioning Technology

**Lecture content:** The lecture emphasizes Air Conditioning Technology, covering fundamental concepts, key terminologies, and the basics of air conditioning systems. It explains the complete air conditioning cycle and details essential components such as the evaporator, compressor, condenser, and expansion valve. Additionally, it introduces Daikin's product range, including air conditioners (ACs), Variable Refrigerant Volume (VRV) systems, chillers, and other advanced cooling solutions. The session aims to provide a comprehensive understanding of air conditioning principles, system functionalities, and their applications in various industries, ensuring students gain insights into modern cooling technologies and their role in enhancing energy efficiency and comfort.

**Resource Person:** Mr. Ashok Yalala, South Region Trainer, Daikin Air Conditioning India, Hyderabad

**Date:** 27/03/2025, at 11.10am

**Venue :** M122 & M123

**List of Participants:** 2<sup>nd</sup> & 3<sup>rd</sup> Year B Tech Mechanical students (Attendance Sheet enclosed) and faculty members through Microsoft Teams link provided.

In the beginning, Dr. B. Kiran Kumar, Assoc. Prof. delivered the welcome speech, introducing Mr. Ashok Yalala, an industry expert in the field of Air Condition Technology, to the participants.





# Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

**Campus:** Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; [www.klef.ac.in](http://www.klef.ac.in); [www.klef.edu.in](http://www.klef.edu.in); [www.kluniversity.in](http://www.kluniversity.in)

**Admin Off:** 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129



Guntur, Andhra Pradesh, India

Tadepalle, Guntur, 522302, Andhra Pradesh, India

Lat 16.440699, Long 80.622764

03/27/2025 11:55 AM GMT+05:30

Note : Captured by GPS Map Camera



Guntur, Andhra Pradesh, India

Tadepalle, Guntur, 522302, Andhra Pradesh, India

Lat 16.440616, Long 80.622853

03/27/2025 12:10 PM GMT+05:30

Note : Captured by GPS Map Camera



Guntur, Andhra Pradesh, India

Tadepalle, Guntur, 522302, Andhra Pradesh, India

Lat 16.440605, Long 80.622895

03/27/2025 12:10 PM GMT+05:30

Note : Captured by GPS Map Camera



## Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

**Campus:** Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; [www.klef.ac.in](http://www.klef.ac.in); [www.klef.edu.in](http://www.klef.edu.in); [www.kluniversity.in](http://www.kluniversity.in)

**Admin Off:** 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

Lastly, 3<sup>rd</sup> student Mr. Mohammad Abdul Aleem extended sincere thanks to the distinguished guest, Mr. Ashok Yalala, for his enlightening session on “Enhancing Skills in Air Conditioning Technology”. His valuable insights and expertise were greatly appreciated by all.

Dr. B Kiran Kumar also expressed heartfelt gratitude to the faculty members, participants, and the organizing committee for their collective efforts in making the event a success.

Prepare by

Group Head – Smart Manufacturing

HoD – Mechanical