



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B. Reddy Nagar, Mylavaram, NTR District, Andhra Pradesh - 521230



A.Y.2025-26

Date: 28-02-2026

DEPARTMENT OF MECHANICAL ENGINEERING

ISHRAE Student Chapter of LBRCE

ISHRAE students Industry visit to Air/Water cooled chiller plant at PVR mall in Vijayawada

Event Report

Event Type : Industry visit

Date / Duration : 28-02-2026/ 10:00 AM-3:00 PM

Name of Industry : Air/water cooled chiller plant at PVR Mall, Vijayawada

Name of the Faculty & Staff accompanied: Mr.K.Saibabu and Mr.N.Narasimha Rao

Total no of students : 27

Objective of the event: To make the students to expose to the practical knowledge on the HVAC&R related plants and gain technical knowledge to make them industry ready technocrats with sound technical knowledge, leadership qualities, and interpersonal skills.

Outcome of event: 1) Students could gain the technical knowledge on the Air/Water cooled chiller plant and enhanced their technical, interpersonal skills interacting with technicians and leadership qualities with keen observation and active participation during the visit.

Description/Report on Event:

Total 27 students of B.Tech - IV, VI and VIII semester participated in the visit, who were taken the ISHRAE student membership under the ISHRAE student chapter of LBRCE run by the Department of Mechanical Engineering along with one Faculty member Mr.K.Saibabu, accompanied by one non teaching staff member Mr.N.Narasimha Rao visited Air/water cooled chiller plant at PVR mall, Vijayawada on 28-02-2026, Saturday from morning 10am to evening 3.30pm. The main objective of the visit is to bridge the gap between industry and academia and expose the students to practical knowledge.

After arriving the industry, the students were divided into two batches and they were taken to observe the Air/water cooled chiller plant, installed for the purpose of providing the

centralized air-conditioning for the entire PVR mall. The entire setup was explained by the technical team led by Mr.Ravi at the plant. The equipment having different sub components have been clearly shown to the students and explained the functioning and trouble shooting problems. The necessity of electrical power requirements, and the need of depending on the renewable energy sources have been explained. The concerned technical staff explained neatly the step by step processes in each and every section to the student understanding level.. The staff also explained the importance of energy conservation aspects, best practices and environmental concerns to the students.

Feedback / Suggestions: The students felt very happy and they expressed that they have learnt about the functioning and trouble shooting problems in Air/water cooled chiller plant and centralized air conditioning equipment for a shopping mall. They have enhanced their knowledge in technical aspects.

Photographs :

 <p>Vijayawada, Andhra Pradesh, India Ripples Mall, Labbipet, Vijayawada, Andhra Pradesh 520010, India Lat 16.500878° Long 80.643548° Saturday, 28/02/2026 11:28 AM GMT +05:30</p>	 <p>Vijayawada, Andhra Pradesh, India Ripples Mall, Labbipet, Vijayawada, Andhra Pradesh 520010, India Lat 16.500876° Long 80.643553° Saturday, 28/02/2026 11:28 AM GMT +05:30</p>
<p>Students watching the Air/water cooled chiller plant installation outside unit during the visit to PVR mall, Vijayawada on 28-02-2026</p>	<p>Students listening to the instructions watching the Air/water cooled chiller plant installation outside unit during the visit to PVR mall, Vijayawada on 28-02-2026</p>
 <p>Vijayawada, Andhra Pradesh, India 40-2-6b, Vijayawada, Andhra Pradesh 520010, India Lat 16.501583° Long 80.643401° Saturday, 28/02/2026 11:54 AM GMT +05:30</p>	 <p>Vijayawada, Andhra Pradesh, India 40-1-9, Mg Rd, Near Tipsey Topay, Kajalva Tvs Show Room, Sidhartha Nagar, Labbipet, Vijayawada, Andhra Pradesh 520010, India Lat 16.501357° Long 80.644311° Saturday, 28/02/2026 11:38 AM GMT +05:30</p>
<p>Students watching the Air/water cooled chiller plant installation inside unit during</p>	<p>Students listening to the technician at the Air/water cooled chiller unit during the visit to</p>

the visit to PVR mall, Vijayawada on 28-02-2026



PVR mall, Vijayawada on 28-02-2026



Students listening to the technician at the Air/water cooled chiller unit during the visit to PVR mall, Vijayawada on 28-02-2026

Students listening to the technician at the Air/water cooled chiller unit during the visit to PVR mall, Vijayawada on 28-02-2026



Students listening to the technician at the Air/water cooled chiller unit during the visit to PVR mall, Vijayawada on 28-02-2026

Students taking a group photograph in front of the PVR Mall after arriving at Vijayawada for visit on 28-02-2026.

HoD

(Dr.M.B.S.Sreevara Reddy)