

Report on Y22 Batch

Industrial Visit to Kues Automation, Hyderabad

Date of Visit: 31st July, 2025

No. of Students: 18 (Y22 Batch)

Faculty Coordinators: Dr. Shivendu Shekar & Ar. Aarthi P

Introduction:

As part of the curriculum under the subject *Building Automation Systems and Controls*, the Y22 batch of 18 students from KL School of Architecture undertook an educational industrial visit to **Kues Automation**, Hyderabad on **31st July, 2025**. The visit aimed to bridge the gap between theoretical knowledge and real-world applications by providing hands-on exposure to modern building automation technologies. The students were accompanied by **Dr. Shivendu Shekar** and **Ar. Aarthi P**, who guided them throughout the visit.

Objectives of the Visit:

The primary objectives of the visit were:

- To gain **practical insights** into the functioning of building automation systems.
- To understand the integration of **sensors, controllers, actuators, and digital interfaces** in smart buildings.
- To familiarize students with real-time **energy management, HVAC controls, lighting systems, and security modules**.
- To observe how automation enhances building **efficiency, safety, and sustainability**.
- To interact with industry professionals and understand **career prospects** and **technological advancements** in the field.

Outcomes of the Visit:

- Students had a **live demonstration** of how automation components are configured and controlled in an integrated system.
- They observed various subsystems such as **Digital Addressable Lighting Interface (DALI)**, HVAC control systems, **fire safety protocols**, and **access control systems**.
- They were introduced to **centralized monitoring systems, IoT-based automation, and BMS dashboards**, enhancing their understanding of smart building operations.
- Industry experts from Kues Automation explained the **workflow of automation system design**, from planning to commissioning.
- The visit also provided insight into **software tools** used in automation and the importance of **interdisciplinary collaboration** in this domain.

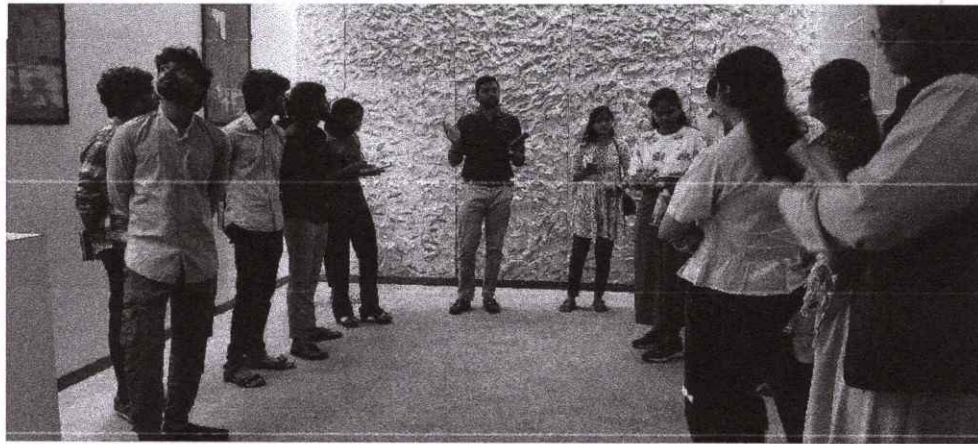


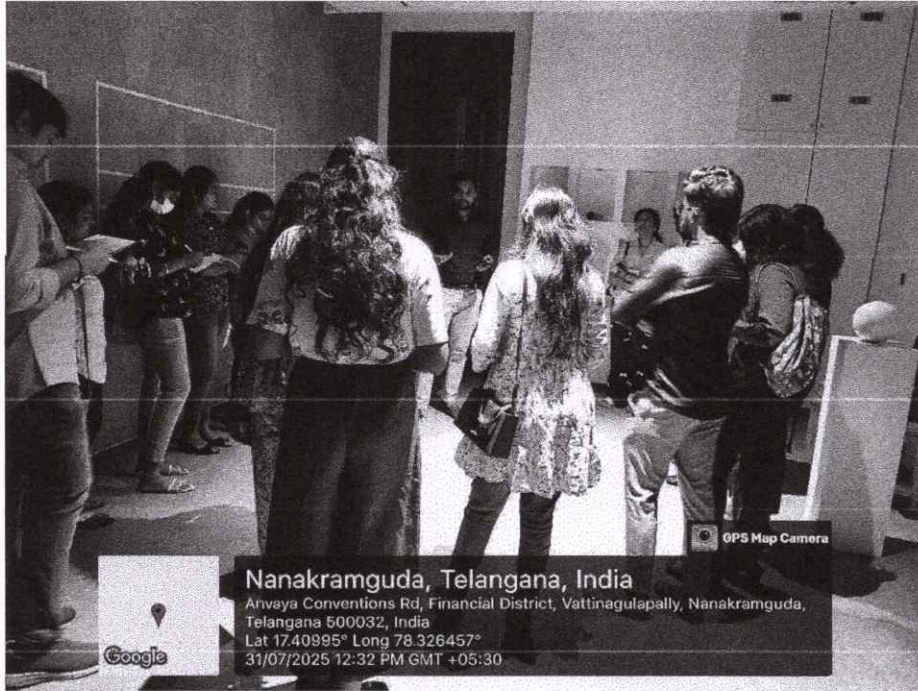
- Students actively participated in a Q&A session, clarifying doubts related to automation in both residential and commercial building contexts.

Conclusion:

The industrial visit to **Kues Automation, Hyderabad** was a valuable learning experience for the Y22 batch. It not only reinforced the academic concepts discussed in class but also exposed students to the practical implementation of building automation in today's smart architecture. The visit inspired students to consider automation as a significant design tool and a potential career path. The guidance and support provided by the faculty members, **Dr. Shivendu Shekar** and **Ar. Aarthi P**, ensured that the visit was both informative and engaging.

Photographys during the Visit:





List of Students:

S. NO	ID NO	Student Name
1	2200510001	MACHIRAJU VENKATA SUBRAHMANYA VEDA VYAS
2	2200510003	KAZA BHAVANI NAGA SAI JASWITHA
3	2200510004	MANAEPALLI RAM PAVAN KUMAR
4	2200510005	THOTAKURA JITHENDAR
5	2200510007	SRI LAASYA GUMMALLA
6	2200510008	PADAMATA SAI SRI MANASWITH
7	2200510009	BONDA NAGA DURGA GANGA BHAVANI
8	2200510010	VALLURU VENU GOPAL
9	2200510011	SHAIK MADIHATULLAH
10	2200510012	NAGA SATYA DURGA HAASA SREE NULU
11	2200510013	MINCHALA NAGA SATHVIKA
12	2200510014	SHAIK ZAREENA PARVEEN
13	2200510015	LEELASREE AKULA
14	2200510016	KASHHISH ACHHPELIYA
15	2200510018	MANDAVA SAI VAISHNAVI
16	2200510019	CHADALAWADA SIREESHA
17	2200510021	YATHINDRA KUMAR SOMEPALLI

S.No	Emp-ID	Faculty
1	8013	Shivendu Shekar Singh
2	8637	Aarthi P



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