

# Maharaja Agrasen Institute of Technology, Delhi

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## Department of Mechanical Engineering

### EVENT REPORT

<b>Name of the Activity:</b>	Industrial Visit to Bry-Air Pvt. Ltd., Sector 18, Gurugram.		
<b>Activity Date(s):</b>	23 <sup>rd</sup> August 2025	<b>No. of Participants:</b>	26 students + 2 Faculty

An **Industrial visit to Bry-Air Pvt. Ltd., Sector 18, Gurugram**, was organized on **23rd August 2025** for the students of the Mechanical Engineering of Maharaja Agrasen Institute of Technology. A total of **26 students** participated in this visit.

The students received a **warm welcome** from the Bry-Air team, followed by an informative introduction about the company. The officials highlighted Bry-Air's global leadership in **humidity control, dehumidification, air purification, and plastic auxiliary equipment**, explaining its contribution to multiple industries including **pharmaceuticals, electronics, data centers, and food processing**.

After a short tea and snacks break, the students were taken on a **guided industry tour**, where they were shown different production units and product demonstrations as per the company brochure. Notable systems and machines observed included:

- Industrial Desiccant Dehumidifiers** – Models such as **FFB Series, FLi Series, FLB Series, and BrySmart® (BBS) Series**, designed for precise humidity control in industrial environments. These units demonstrated advanced rotor technology for moisture adsorption and energy-efficient regeneration cycles.



- Wonder Dryers** – A highlight of the visit, these are **waterless plastic drying systems** capable of achieving dew points as low as  $-40^{\circ}\text{C}$ , ensuring moisture-free plastic processing without reliance on cooling water.



- DataCenter Air Purifiers (DAP Series)** – Equipped with the patented **DRISORB™ Honeycomb Chemical Filters** and a multi-stage filtration system, these purifiers are engineered to eliminate corrosive gases and fine particulates, safeguarding sensitive electronic equipment.

- Plastic Auxiliary Equipment** – Including **Tray Dryers, Combo Dryers, Hopper Dryers, Auto Loaders, and Centralized Conveying Systems (BCS Series)**. The students learned how these machines streamline plastic processing by ensuring consistent drying, automated material feeding, and centralized control for large-scale operations.

During the tour, Bry-Air engineers also emphasized the company's **manufacturing strategy**, explaining that while only a few parts are outsourced, the majority of processes—particularly **assembly and quality checks**—are carried out **in-house**. This approach ensures strict quality control and seamless integration of modern technologies across their product range. Special focus was given to the **filtration and purification systems**, where students observed how air treatment solutions are engineered with precision to meet stringent industrial standards.

The visit concluded with **refreshments and an interactive Q&A session**, where students engaged with Bry-Air professionals, asking questions about real-world applications, industrial processes, and career opportunities.

In conclusion, the industrial visit to **Bry-Air Pvt. Ltd.** was an **enriching academic and professional experience**. It not only broadened the students' understanding of advanced dehumidification, air purification, and drying technologies but also demonstrated how theoretical engineering concepts are implemented in industry with cutting-edge precision.

The Department of Mechanical Engineering extends heartfelt gratitude to **Bry-Air Pvt. Ltd.** for their hospitality and support in making this visit a success.



“Bridging the gap between classroom learning and industrial innovation – Students at Bry-Air Pvt. Ltd., Gurugram.”