

DEPARTMENT OF DATA SCIENCE AND BUSINESS ANALYTICS

SR.NO	PARTICULARS OF EVENT	DATA
1	Date / Day	26 th February 2026/Thursday to 2 nd March 2026/Monday
2	Time	09:00 AM Onwards
3	Venue	Jaipur – Ajmer – Pushkar
4	Platform	Offline
5	Name of Event	Industrial Visit
	RECORDS OF EVENT	
6.	Total Number of Participants	39
7.	Photographs	Attached
8.	Brief Report of Event	Attached

Teacher In-charge

Department Head

Criteria Head

Principal

Photographs of the Event:

Compucom Software Limited Industry



Teacher In-charge

Department Head

Criteria Head

Principal

Dainik Bhaskar Industry



Teacher In-charge

Department Head

Criteria Head

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Report of the Event:

Event Details:

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- **Event Name:** Industrial Visit

Participants:

- **Total Number of Participants:** 39

Attachments:

- Photographs of the event
- Brief report of the event

Summary:

Day 1: Travel to Jaipur

We assembled at Bandra Railway Station at 8:00 A.M. to board Train 09724 to Jaipur, spending the day and night traveling en-route.

Day 2: Arrival, Visit to Compucom Software Limited and Sightseeing

We arrived in Jaipur and checked in at Lords Plaza Hotel. Our first industrial visit was to Compucom Software Limited, where experts provided detailed insights into modern security technologies, data processing, and the role of Artificial Intelligence (AI) and Machine Learning (ML) in surveillance systems.

We learned about advanced security systems using thermal cameras, which detect body heat invisible to the naked eye. These cameras use pixel-based identification to notice unusual temperature changes, allowing them to detect hidden objects effectively.

The session also highlighted the use of AI and ML in threat detection. Systems are trained on large datasets to recognize weapons or harmful objects, scanning thousands of images in seconds and analyzing multiple angles of the human body. We observed how automated screening works: when a potential threat is detected, an alert is triggered, followed by physical verification. These systems process data in real time, ensuring accurate decision-making in high-security areas such as airports.

The importance of data collection and modelling was also emphasized. Data is gathered from multiple locations and countries, cleaned, organized, and analyzed before training AI models. Raw data cannot be used directly—it must undergo processing to become valuable.

Finally, we learned how cloud computing and improved network systems have enhanced performance. Earlier systems relied on 2G or 3G networks, but now cloud-based solutions allow faster data access and better efficiency.

The day concluded with sightseeing around Jaipur and shopping at Bapu Bazaar.

Day 3: Visit to Dainik Bhaskar and Sightseeing

The second insure we visited was Dainik Bhaskar Printing Plant. As one of the largest newspaper printing facilities in Rajasthan, the plant provides a high-scale example of automated manufacturing and logistics. While the plant currently prints around 4 lakh copies daily, it previously maintained a volume of 5 lakh copies in the pre-pandemic period.

The core of the operation relies on advanced German KBA printing machines that can function both manually and automatically. These machines are remarkably fast, capable of producing 85,000 newspapers per hour, which averages out to roughly 20 copies every second. To ensure that fresh news reaches readers by early morning, the majority of the printing work is scheduled during the night shift. The production process is supported by a sophisticated ink system where different colors are mixed and transferred through dedicated pipes into the machine towers.

Technically, the process begins with the preparation of recyclable aluminium plates. Some machines hold up to 16 plates at a time, with each plate capable of printing approximately 1,200 copies before needing replacement. The plant also differentiates its products by paper weight: standard newspapers are printed on 40 GSM paper, while more durable items like magazines, books, and notebooks use 84 GSM paper.

Once the printing is complete, the newspapers move to the finishing section where specialized folder master machines handle cutting, counting, and folding. The facility also emphasizes sustainability by collecting and recycling all paper waste generated during the run. Finally, the finished products are distributed within a 40 km radius to maintain a rapid delivery cycle for the local Jaipur region.

We then visited Jantar Mantar, City Palace, and Birla Mandir, followed by an exciting DJ night.

Day 4: Visit to Pushkar and Ajmer

We checked out from Lord Plaza Hotel and travelled to Pushkar, where we visited Kishangarh and the famous Birla Temple. Afterward, we proceeded to Ajmer Station to board Train 12990/AII DDR Express back to Mumbai.

Day 5: Return to Mumbai

We arrived at Dadar Railway Station in the afternoon, concluding this wonderful industrial visit.