



ACTIVITY REPORT on Industrial Visit to the DRM office, Western Railway, Mumbai

Organized By:	Dr. Vaishali Gaikwad and Ms. Kirti Motwani
Date of the Event:	01/03/2023
Venue:	DRM Mumbai Central, Western Railways, Mumbai Central 400008
Designation and Organization of the Speaker(s) :	Mr. Piyush Khandare, Sr. Divisional Operations Manager
Participants Details:	TE (Computer Engineering)
Number of Participants:	53

OBJECTIVE(s):

- To gain insight into the working of train management system.
- To learn about various software and hardware tools used.
- To see the working of communication based control system and signal system.
- To experience a real-life industrial environment and gain practical knowledge.

TOPIC: Industrial Visit to the DRM office, Western Railway, Mumbai.

EVENT OUTCOME(s):

- Increased knowledge about the working of train management system.
- Enhanced understanding of communication based control system and signal system.
- Gained practical knowledge and experience in a real-life industrial environment.

KEY POINTS:

- The students got the first-hand exposure on how the trains are tracked.
- The arrival and departure of train on the station and tracks was visible on the big display screen.
- The entire Western Railway Train System was visible on the display.
- The students were taken to the server room in groups and the person in charge demonstrated various backend servers needed.
- The person in charge there provided an explanation of how the trains are operated on the platform to minimize traffic and also showed us the amenities that are provided inside the center.

FEEDBACK:

The industrial tour was quite educational and eye-opening. The visit gave us a thorough grasp of the methods, the tools and technology employed, utilized for train management system.



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(Affiliated to University of Mumbai)

Also, the tour provided a wonderful chance to engage with the personnel and learn about their job roles, responsibilities, working conditions, and the safety measures they implement. The staff members were extremely knowledgeable and were able to provide us with comprehensive answers to all our queries.

PO MAPPING:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2
Event Outcome	2	2	2	2	3	3	3	3	3	3	2	3	2	2

GALLERY:



Event Coordinators

Dr. Vaishali Gaikwad
(HOD, Associate Professor,
Dept. of Computer Engineering)

Ms. Kirti Motwani
(Assistant Professor,
Dept. of Computer Engineering)