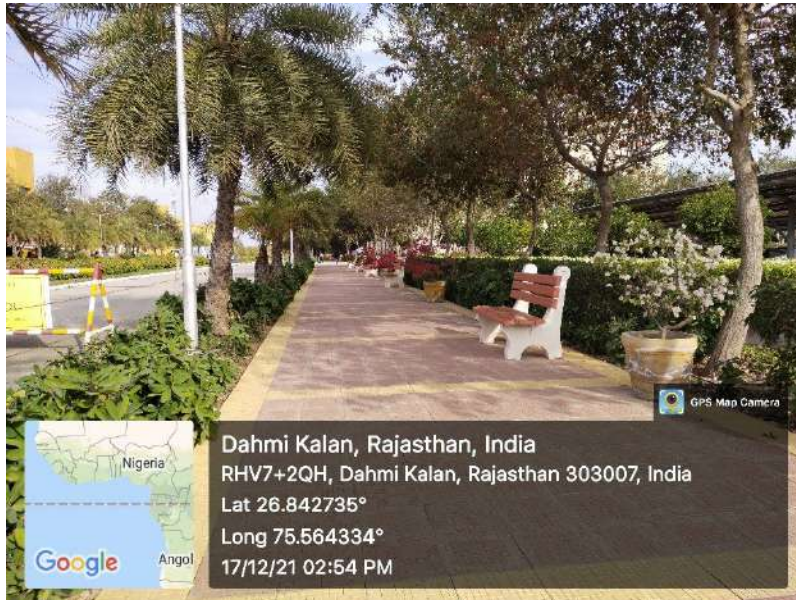


Priorities Pedestrian Access on Campus

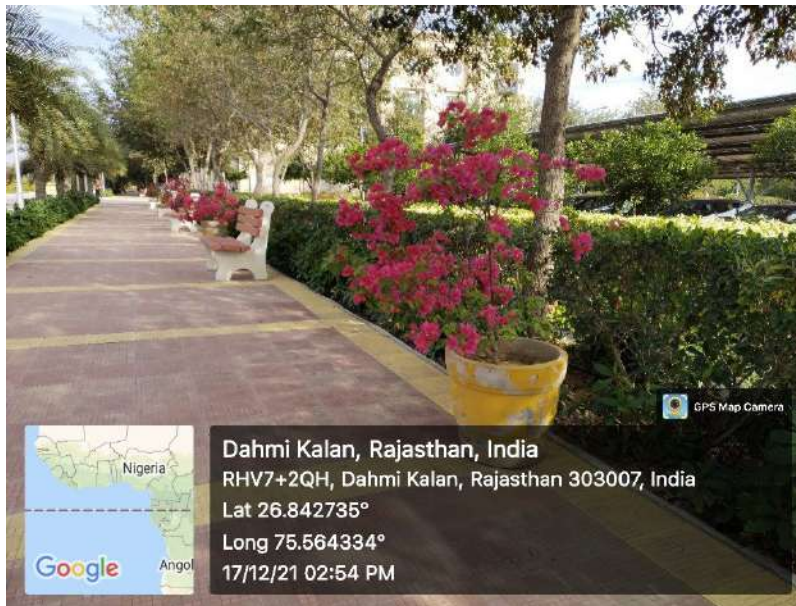
Manipal University Jaipur recognizes the significance of pedestrian access within its campus. A primary reason for this emphasis is the safety of all individuals on campus. With a dynamic environment filled with pedestrians, cyclists, and vehicles, the necessity for clearly defined pathways and crosswalks becomes evident. Establishing safe pedestrian routes minimizes the likelihood of accidents, thereby safeguarding the well-being of the university community. The focus on pedestrian access is intrinsically linked to the promotion of inclusivity. The presence of accessible pathways, ramps, and designated crosswalks ensures that individuals with disabilities can navigate the campus with ease and independence. This dedication to inclusivity is consistent with the values of diversity and equity that Manipal University Jaipur champions. Reducing dependence on vehicles and enhancing pedestrian access is vital for advancing environmental sustainability. The university features well-connected walkways that encourage both students and staff to walk, thereby decreasing carbon emissions and contributing to a more sustainable future. This initiative is in line with the institution's sustainability objectives. Promoting walking on campus not only supports environmental goals but also fosters the health of the university community. Walking serves as a straightforward and effective form of exercise, and by prioritizing pedestrian access, Manipal University Jaipur indirectly encourages physical well-being. Moreover, engaging in outdoor activities and walking between classes can positively influence mental health, alleviating stress and enhancing the overall well-being of students and staff.

A campus designed with pedestrian-friendly features fosters interaction and a sense of community among students, faculty, and staff. Walking to classes or around the campus facilitates spontaneous meetings and conversations, thereby cultivating a vibrant and interconnected campus environment. Manipal University Jaipur features well-maintained and clearly marked pathways. These walkways are designed to be sufficiently wide to accommodate a substantial volume of pedestrian traffic. The presence of effective signage is crucial for directing pedestrians, particularly those who are new to the campus, towards various buildings, facilities, and landmarks. The university prioritizes accessibility by ensuring that sidewalks include curb cuts and ramps for individuals with disabilities. Additionally, designating specific areas of the campus as pedestrian-only zones or limiting vehicular traffic during peak hours can greatly improve safety and convenience. Manipal University Jaipur also encourages sustainable transportation methods, such as bike-sharing programs, electric shuttles, and carpooling, to alleviate traffic congestion and reduce emissions.

Focusing on pedestrian access within the university campus transcends mere convenience; it is about fostering a safe, inclusive, and sustainable environment that nurtures a sense of community and well-being. By investing in thoughtfully designed walkways, clear signage, accessibility features, and sustainability initiatives, Manipal University Jaipur creates a campus where students, faculty, and staff can excel both academically and personally. In doing so, the university exemplifies a commitment to building a better and more equitable future for all.



Picture 1: Sidewalks have curb cuts and ramps for individuals with disabilities



Picture 2: Pedestrian access on university campus



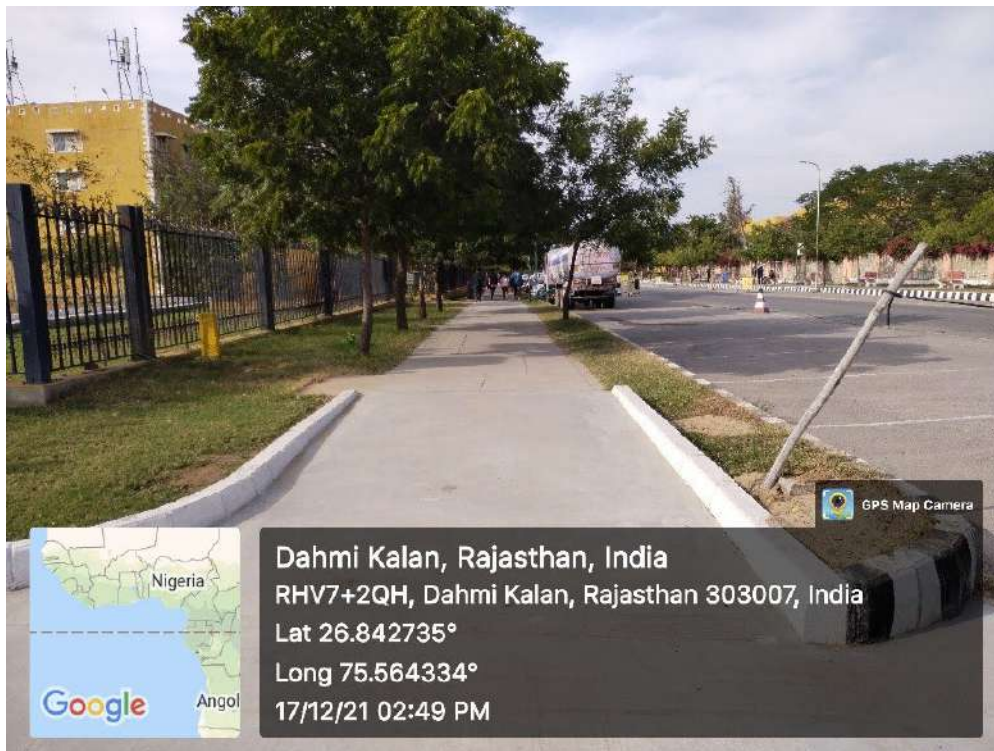
Picture 3: Instructions for the Differently abled users



Picture 4: Lush green pedestrian pathways



Picture 5: Walking to classes or around the campus promotes spontaneous encounters and conversations, creating a vibrant and connected campus atmosphere.



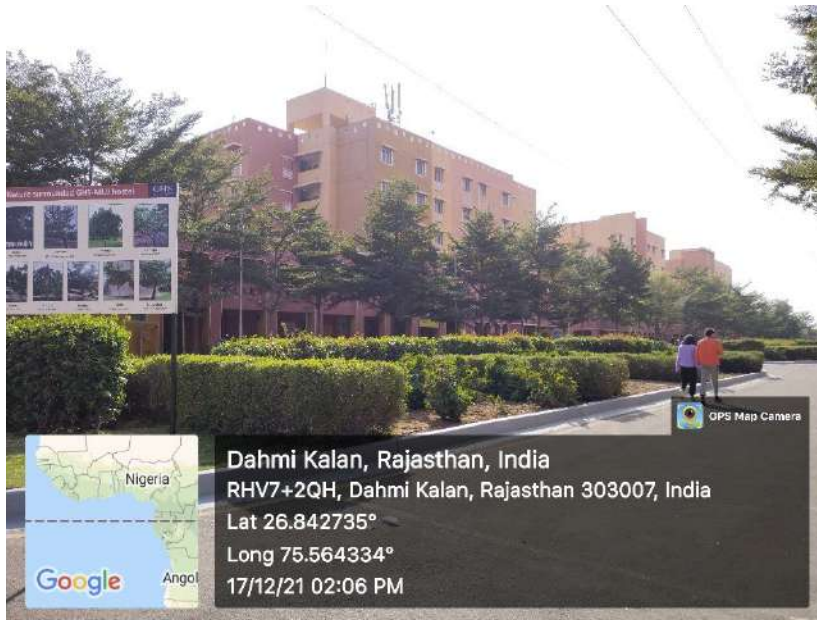
Picture 6: Sidewalks have curb cuts and ramps for individuals with disabilities



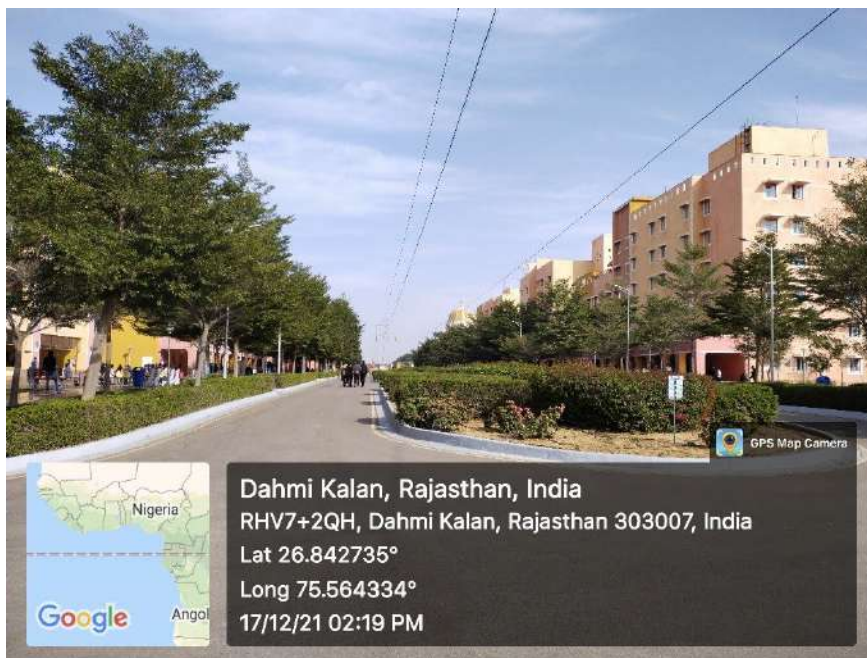
Picture 7: pedestrian walkways besides the campus for pedestrian walkways



Picture 8: Pedestrian access outside university campus



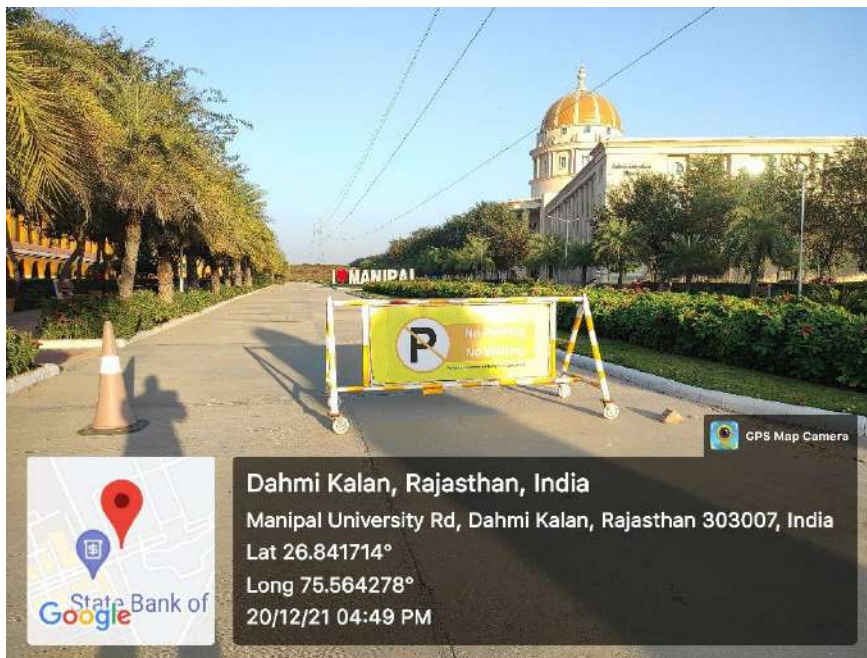
Picture 9: Prioritizing pedestrian access in university hostel



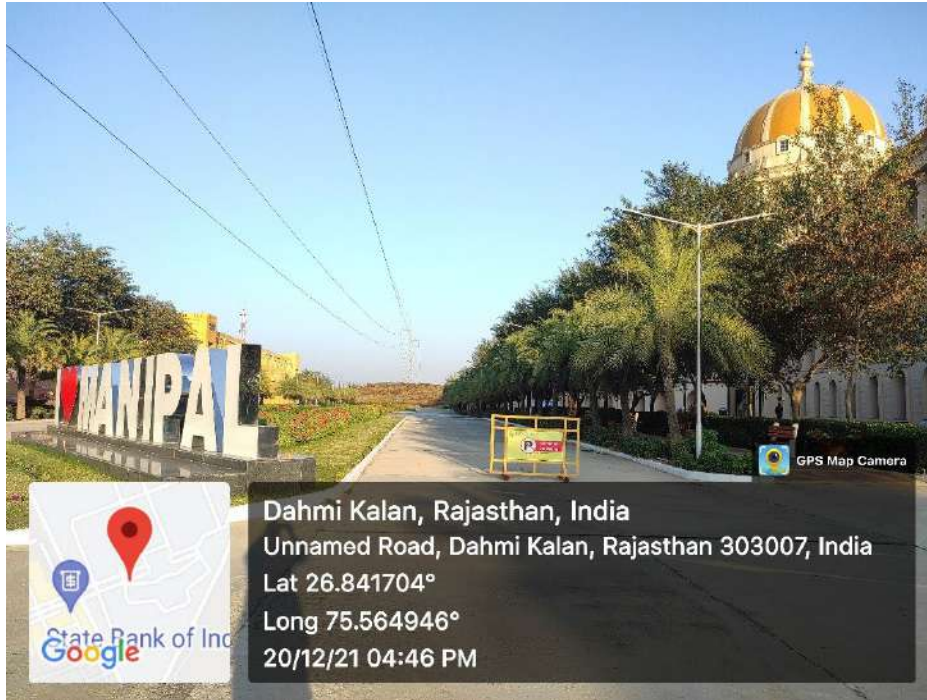
Picture 10: Pathways to go through the campus



Picture 11: Green and clean pedestrian walkways for the campus



Picture 12: Manipal University Jaipur designated certain areas of the campus as pedestrian-only zones or reducing vehicular traffic



Picture 13: Well-maintained and properly marked walkways.

Prioritizing Pedestrian Access at MUJ Campus



Ease of Accessibility for Divyangjan





Sensor based Smart Campus



RFID and Sensor based access control for Vehicles

The dashboard shows a header with 'ADMIN', 'Today's Check In Car: 0', 'Today's Check In Bike: 0', and '4:30:38 PM'. Below the header are navigation tabs: Dashboard, Vehicle Registration, Reports, User Add / Update, Detailed Report, Department Master, and Import Employee Details. The main content area has a form for adding or updating a vehicle record with fields for TagID, Emp ID, Emp Name, Address, Vehicle No, Department, Email ID, Contact no, Validity From, Validity To, and VehicleType. An 'Upload Image' button is also present. A table on the right lists employee details:

EmpID	EmployeeN	VehicleN
54	HEMANT	RJ26-SM
1	Ankit Mu	RJ45-JKD
2	Pankaj K	RJ475C
3	Shyam S	RJ14BR
4	Arpit Kot	RJ27BC
5	Rohit ku	RJ14HU
219	Mohit Jain	RJ05CA
220	Sunanda	CH01AW
221	Rasumk	RJ14ZC4
222	Arshama	RJ14CG
223	Lokesh	RJ14NC
224	BABU L	RJ14-8C
225	Susruta	RJ45GE
226	Mohamm	BR01BT
227	AVITAL	RJ14CY
228	Dr. Madh	RJ 14 C
229	Neha Sa	RJ14CW
230	MANOJ	RJ14CD
231	Narender	RJ45CH
232	Man Moh	RJ 45 C

Dashboard- Access control based on automated barriers

The dashboard displays various metrics and a workflow diagram. Metrics include: Active Head (2193), Present (0), Absent (2193), Late (0), Leave (0), and Week Off (0). The workflow diagram shows: Employee Group -> Employee Management -> Device Management -> Reports. Other icons include Manual Entry, Data Maintenance, and Holiday Entry. The TimeWatch logo is visible at the bottom.

Dashboard - RFID based smart access control at Entry/Exit



RFID smart access control at Entry/Exit (Flap Barriers)

Smart Campus- Access Control



Flap Barrier:

- For authorizing the entry/exit of pedestrian RFID based smart flap barriers installed
- Eight parallel lanes with approx. 25-30 persons per minute
- Dashboard to monitor entry/exit

Boom Barrier:

- For authorizing the entry/exit of vehicles RFID based smart flap barriers installed
- RFID readers having range of 5 mtrs. maximum
- Dashboard to monitor entry/exit



In each block of hostel, RFID and Biometric based access control devices installed



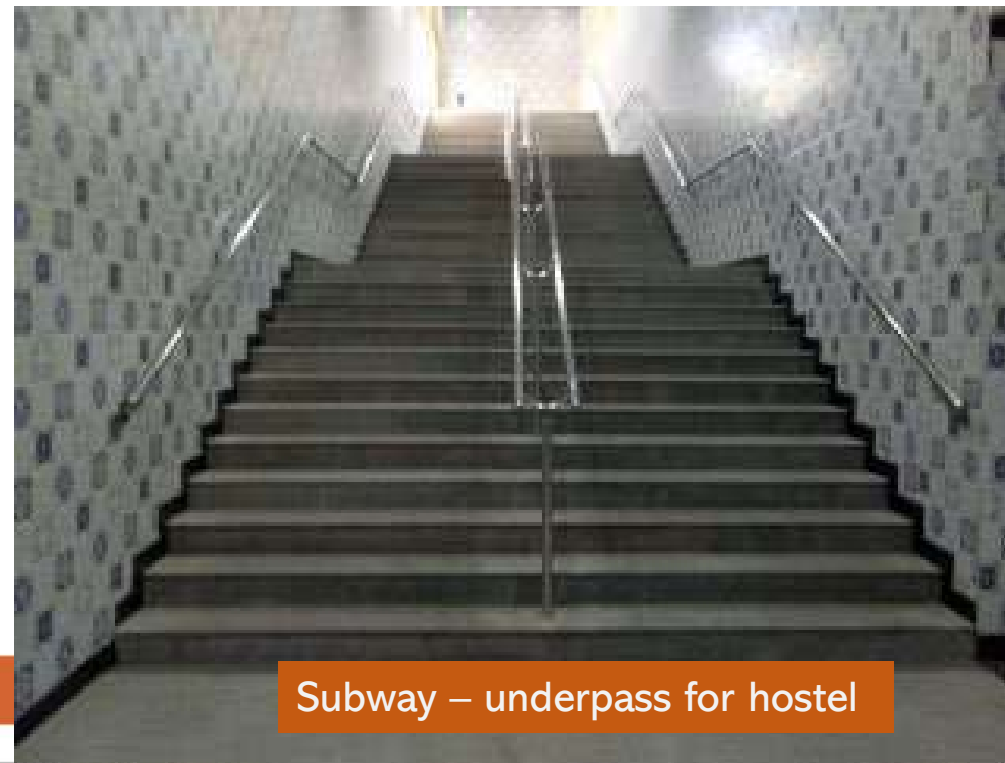
Wash Areas



Subway – underpass for hostel



Wash Areas



Subway – underpass for hostel



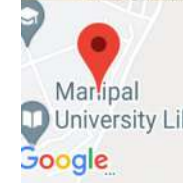
Disabled Friendly Areas

No vehicle Zones



Dahmi Kalan, Rajasthan, India
Manipal University Rd, Dahmi Kalan, Rajasthan 303007, India
Lat 26.841578°
Long 75.564299°
20/12/21 04:48 PM

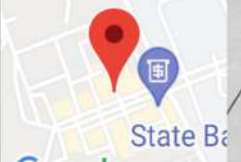
Safety covers for drainages



Dahmi Kalan, Rajasthan, India
Vinayak Marg, Dahmi Kalan, Rajasthan 303007, India
Lat 26.842884°
Long 75.567007°
20/12/21 04:35 PM



Fire station



Dahmi Kalan, Rajasthan, India
Yoho Hostels, Vinayak Marg, Dahmi Kalan, Rajasthan 303007, India
Lat 26.841312°
Long 75.562649°
20/12/21 04:45 PM

Safety covers for drainages



Dahmi Kalan, Rajasthan, India
Off Jaipur-Ajmer Expressway, Dahmi Kalan, Rajasthan 303007, India
Lat 26.841764°
Long 75.565413°
20/12/21 04:45 PM