



PHYSICAL FACILITIES REPORT

UPES Dehradun – Bidholi & Kandoli Campuses

Academic • Residential • Student Life • Utilities • Safety • Healthcare • Accessibility • Sustainability

2

Campuses

3,200+

Residential capacity

250+

CCTV cameras

24×7

Security & emergency support

The physical facilities of a university are a critical component of the teaching-learning environment, student experience, research ecosystem, safety framework and institutional operations. UPES operates an integrated physical-facilities ecosystem across its Bidholi and Kandoli campuses in Dehradun. The supplied institutional material documents academic, residential, recreational, utility, healthcare, accessibility, safety, sustainability and operational facilities.

This report consolidates the available information into a single institutional narrative, beginning with a comprehensive Facilities at a Glance section and followed by detailed descriptions and photographic evidence.

Physical Facilities at a Glance

The following list provides a consolidated overview of the physical facilities documented in the supplied UPES material.

Facility Category	Facilities Available	Campus / Institutional Purpose
Campus & Academic Infrastructure	Bidholi and Kandoli campuses; academic blocks; smart classrooms; ICT-enabled teaching spaces; laboratories; innovation centres; workshops; design studios; collaborative learning areas; seminar halls; auditoriums; research facilities; library/book-store and digital learning infrastructure.	Teaching, learning, research and innovation
Residential Facilities	Student hostels at Bidholi and Kandoli; approximately 3,200+ accommodation capacity; dining halls; common rooms; recreational spaces; residential Wi-Fi; power backup; internal mobility and pedestrian pathways.	Student accommodation and campus living
Food & Refreshment Facilities	Cafeteria & Restaurant – Café Frisco; Kandoli Food Court; Bidholi Food Court; additional campus food-service spaces.	Student and staff dining support
Student Recreation & Common Spaces	Social Room (Kandoli BUZZ); Bidholi BUZZ student recreation room; common rooms and flexible gathering spaces.	Interaction, relaxation and informal learning
Library & Learning Support	Library/book-store facilities; reading and study areas; academic resources; digital library resources; e-journals and research databases.	Study, information access and academic support
Smart Campus & ICT	Interactive displays; digital projectors; AV systems; smart boards; lecture capture; high-speed internet; LMS and collaborative digital tools; hybrid-event support; Control & Emergency Response Centre.	Digitally enabled learning and campus response
Power & Electrical Systems	11 kV electrical distribution network; Central Electrical Substation; DG backup; UPS systems; electrical infrastructure for critical academic, residential and administrative services.	Continuity and reliability of essential services
Water Supply & Treatment	Water Treatment Plants at Bidholi and Kandoli; UV filtration; storage tanks; pumping and distribution systems; six operational bore wells; rainwater harvesting.	Potable and operational water supply
Wastewater & Environmental Utilities	650 KLD Sewage Treatment Plant; Zero Liquid Discharge (ZLD) principles; treated-water reuse; stormwater drainage; HVAC systems.	Wastewater treatment, reuse and environmental management
Safety & Security	Approx. 250+ CCTV cameras; Central Control Room; 24×7 monitoring; fire hydrant network; automatic fire detection and alarms; extinguishers/hose reels/hydrants; access control; visitor management; patrolling; emergency communication.	Protection, surveillance and emergency response
Healthcare & Emergency Care	Round-the-clock infirmaries at Bidholi and Kandoli; treatment/patient-care areas; ambulance/emergency response; first aid; AED/CPR training; casualty-evacuation preparedness; biomedical-waste-	Medical support and emergency preparedness

	management support.	
Accessibility & Inclusive Facilities	Entrance ramps; accessible routes; wide corridors and doorways; accessible washrooms; elevators; designated accessible parking; mobility/transport support; residential accessibility provisions.	Barrier-free participation and mobility
Sports, Fitness & Recreation	Indoor and outdoor sports facilities; Cricket; Football; Pickleball; Badminton; Table Tennis; Snooker; dedicated courts/grounds; gymnasium and fitness centres; recreational activity spaces.	Physical well-being and student engagement
Transport, Mobility & Parking	Organized shuttle/transport services; internal roads; pedestrian pathways; parking facilities; internal traffic management; accessible mobility provisions.	Internal connectivity and movement
Campus Operations & Maintenance	Preventive and corrective maintenance; electrical, mechanical, plumbing, HVAC and civil services; housekeeping; utility operations; vendor/contractor coordination; asset monitoring.	Reliability, cleanliness and asset upkeep
Helpdesk & Facility Service Support	Single-window helpdesk; digital complaint registration; tracking, escalation and closure; infrastructure/hostel/transport/housekeeping/utility support; ticket-based maintenance.	Service requests, maintenance and grievance support
Green Campus & Sustainability	Single-use plastic reduction; landscaped green areas; native/adaptive plantations; biodiversity initiatives; rainwater harvesting; treated-water reuse; waste segregation; biomedical-waste management; sustainable mobility.	Resource conservation and environmental responsibility
Other Documented Campus Facilities	Support Centre for Minorities; campus temple; common rooms; pantry and crèche facilities as evidenced in the supplied photographic material.	Inclusion, community support and campus amenities

Academic, Learning & Research Infrastructure

UPES academic infrastructure combines conventional teaching spaces with digitally enabled and specialized environments. The supplied material identifies modern academic blocks, smart classrooms, advanced laboratories, innovation centres, workshops, design studios, collaborative learning spaces and specialized research facilities.

- Smart classrooms and ICT-enabled teaching spaces.
- Advanced laboratories, innovation centres, workshops and design studios.
- Collaborative learning areas for group work and experiential learning.
- Seminar halls and auditoriums with advanced AV and hybrid-event support.
- Library/book-store facilities with reading and study areas.
- High-speed internet, digital libraries, e-journals and research databases.
- LMS platforms, collaborative tools and lecture-capture facilities.
- Specialized research facilities supporting engineering, energy, design, management, law, health sciences and emerging technologies.





Residential, Dining & Student-Life Facilities

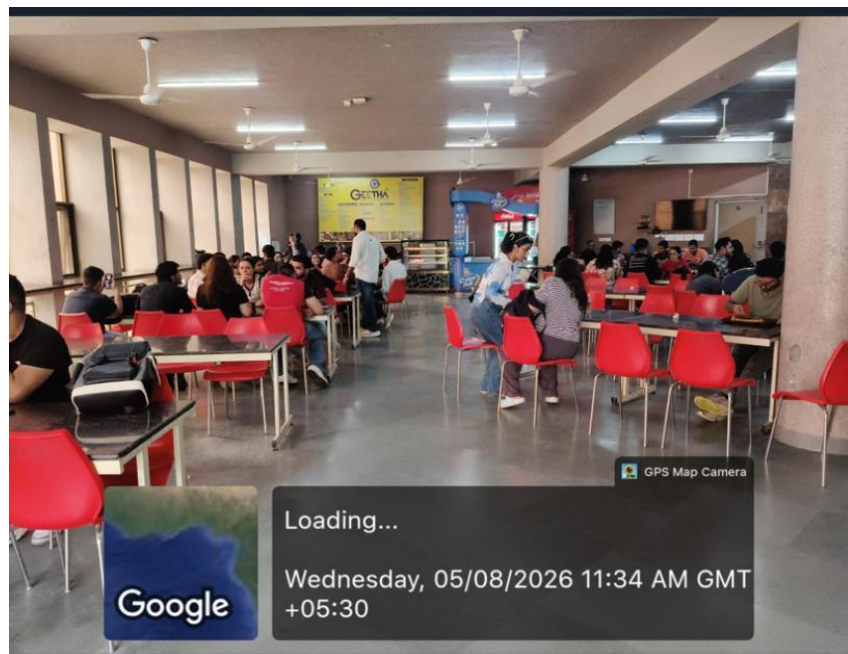
Residential and student-life infrastructure is designed to support campus-based living and student engagement. The supplied material records approximately 3,200+ accommodation capacity across Bidholi and Kandoli, along with dining, recreation, connectivity and support facilities.

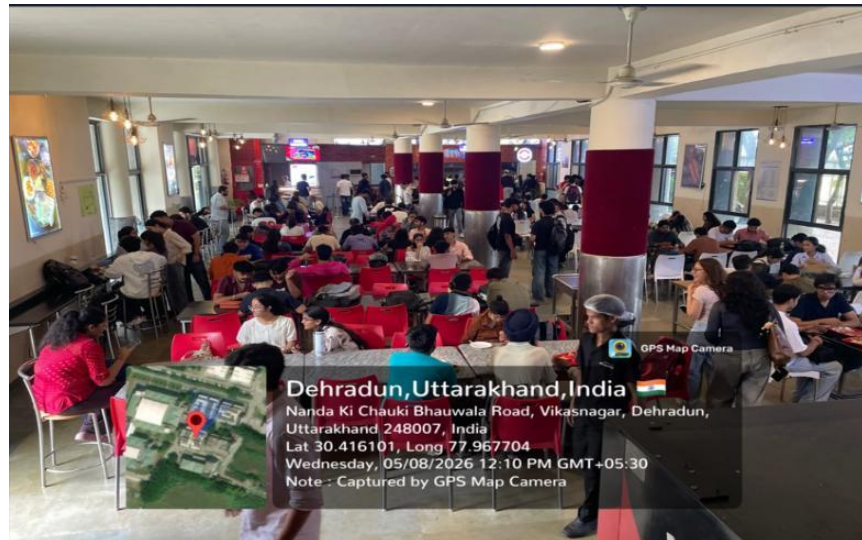
- Hostel facilities at Bidholi and Kandoli.
- Approximately 3,200+ student accommodation capacity.
- Dining halls and food courts.
- Cafeteria and restaurant facilities including Café Frisco.
- Social Room and BUZZ recreation spaces.
- Common rooms and informal gathering spaces.
- Residential Wi-Fi and power backup.
- Internal pedestrian pathways, parking and mobility support.



Café Frisco – Bidholi campus







Utilities & Engineering Infrastructure

Power & Electrical Infrastructure

- Dedicated 11 kV electrical distribution network managed through a Central Electrical Substation.
- DG backup systems and UPS infrastructure.
- Power continuity for academic, residential, administrative and critical facilities.

Water Supply & Treatment

- Water Treatment Plants at both Bidholi and Kandoli.
- UV filtration as part of water treatment.
- Storage tanks, pumping systems and distribution pipelines.

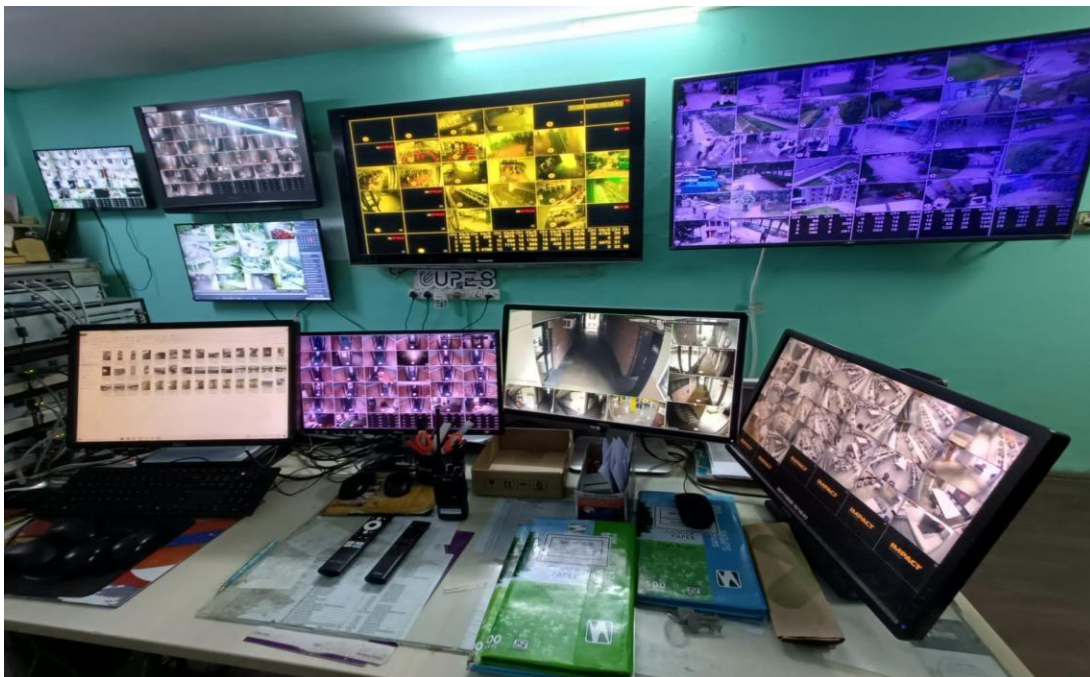
- Six operational bore wells across the campuses.
- Rainwater harvesting for groundwater recharge and conservation.

Wastewater, Drainage & HVAC

- 650 KLD Sewage Treatment Plant operating on Zero Liquid Discharge (ZLD) principles.
- Treated wastewater reused for landscaping, flushing and other non-potable applications.
- Stormwater drainage network for rainfall management.
- Centralized and decentralized HVAC systems supporting thermal comfort and indoor air quality.

Safety, Security & Emergency Management

- Campus-wide fire hydrant ring main network.
- Automatic fire detection and alarm systems.
- Fire extinguishers, hose reels, hydrants and firefighting infrastructure.
- Approximately 250+ CCTV cameras across academic, residential, food-service, parking and critical infrastructure areas.
- 24×7 centralized monitoring and incident management through the Central Control Room.
- Access control and visitor management.
- Security patrolling and emergency response mechanisms.
- Emergency communication and public-address systems.





Healthcare, Infirmary & Emergency Care

The supplied material documents dedicated round-the-clock infirmary and healthcare facilities at Bidholi and Kandoli. The evidence includes treatment areas, an ambulance/emergency-response facility and first-aid, AED and CPR training.

- Round-the-clock infirmary and healthcare support.
- Operational treatment/patient-care areas at Bidholi and Kandoli.
- Ambulance and emergency-response support.
- First-aid and routine medical support.
- First-aid, AED and CPR training for security personnel.
- Casualty-evacuation mock-drill preparedness.
- Biomedical-waste-management training and procedures.





Accessibility & Inclusive Campus Infrastructure

The accessibility framework documented in the supplied material supports barrier-free movement and participation across academic, residential and common areas.

- Ramps at building entrances.
- Wide corridors and doorways supporting wheelchair users and people with mobility challenges.
- Accessible washrooms.
- Elevators in multi-storey academic and administrative buildings.
- Accessible routes connecting major campus functions.
- Designated parking provisions for persons with disabilities.
- Transportation support for students with mobility challenges.
- Residential accessibility provisions.

Sports, Fitness & Recreation

- Indoor and outdoor sports facilities.
- Cricket and Football facilities.
- Pickleball and Badminton facilities.
- Table Tennis and Snooker facilities.
- Dedicated courts, grounds and activity spaces.
- Modern gymnasium and fitness centres.
- Recreational spaces supporting student engagement and wellness.

Campus Amenities & Community Facilities

In addition to core academic and operational infrastructure, the supplied photographic material documents a range of student-support and community-oriented spaces.

- Library / Book Store with reading and study areas.
- Café Frisco and campus food courts.
- Social Room at Kandoli BUZZ.
- Bidholi BUZZ student recreation room.
- Common rooms and informal gathering spaces.
- Support Centre for Minorities with dedicated workspace.
- Campus temple and associated community-gathering space.
- Pantry and crèche facilities as evidenced in the supplied material.





Sustainability & Green Campus Facilities

The physical-facilities framework integrates resource conservation, waste management, landscaping, water reuse and sustainable mobility.

- Restriction on single-use plastics and promotion of reusable alternatives.
- Landscaped lawns, gardens, avenue plantations and open green spaces.
- Native and adaptive plant species and plantation drives.
- Rainwater harvesting and water-efficient landscaping.
- Reuse of treated STP water for landscaping, flushing and other non-potable applications.
- Waste segregation at source and responsible collection, storage and disposal.
- Biomedical waste management in accordance with applicable requirements.
- Pedestrian-friendly pathways and organized shuttle services.



Campus Operations, Maintenance & Facility Management

- Planned and preventive maintenance of academic buildings, hostels, cafeterias, sports facilities, infirmaries and common areas.
- Electrical, mechanical, plumbing, HVAC and civil infrastructure management.
- Continuous monitoring of critical utilities and campus assets.
- Dedicated housekeeping teams for cleanliness and hygiene.
- Operation and maintenance of electrical distribution, DG, UPS, water supply, WTP, STP and drainage systems.
- 24×7 security operations and centralized monitoring.
- Shuttle services, internal traffic movement, parking and pedestrian pathway management.
- Vendor and contractor coordination with performance monitoring for quality and compliance.

Helpdesk, Maintenance & Grievance Redressal

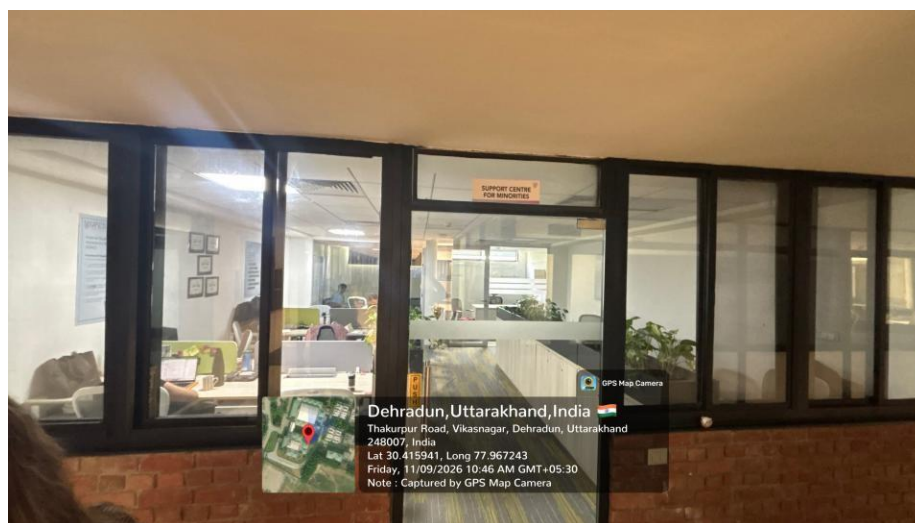
The supplied helpdesk material describes a structured single-window mechanism for infrastructure, hostel, transport, housekeeping, utility and administrative services.

- Digital complaint registration.
- Ticket tracking, escalation and closure.
- Dedicated channels for academic, residential, operational and welfare-related issues.
- Centralized handling of electrical, plumbing, HVAC, civil and housekeeping complaints.
- Preventive and corrective maintenance through a ticket-based service-management system.
- Monitoring of service quality and user satisfaction.

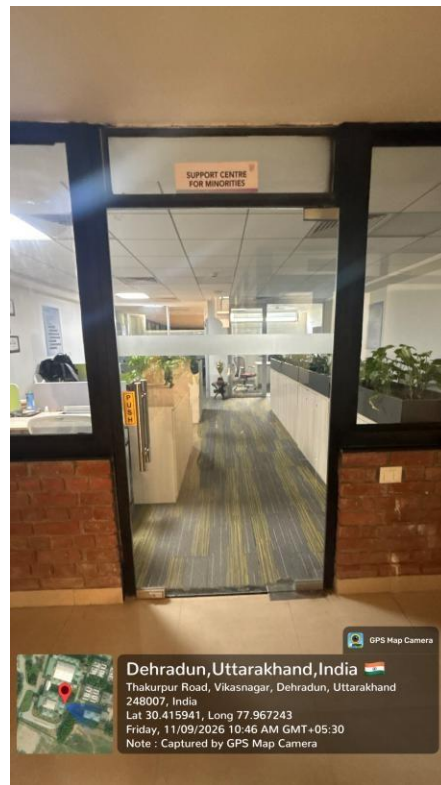
Mobility, Transport & Parking

- Organized shuttle and transport services connecting campuses with key city locations.
- Dedicated parking for students, faculty, staff, visitors and service vehicles.
- Internal roads and pedestrian pathways.
- Accessible routes and designated accessible parking.
- Internal traffic management and parking administration.

Support Centre for Minorities



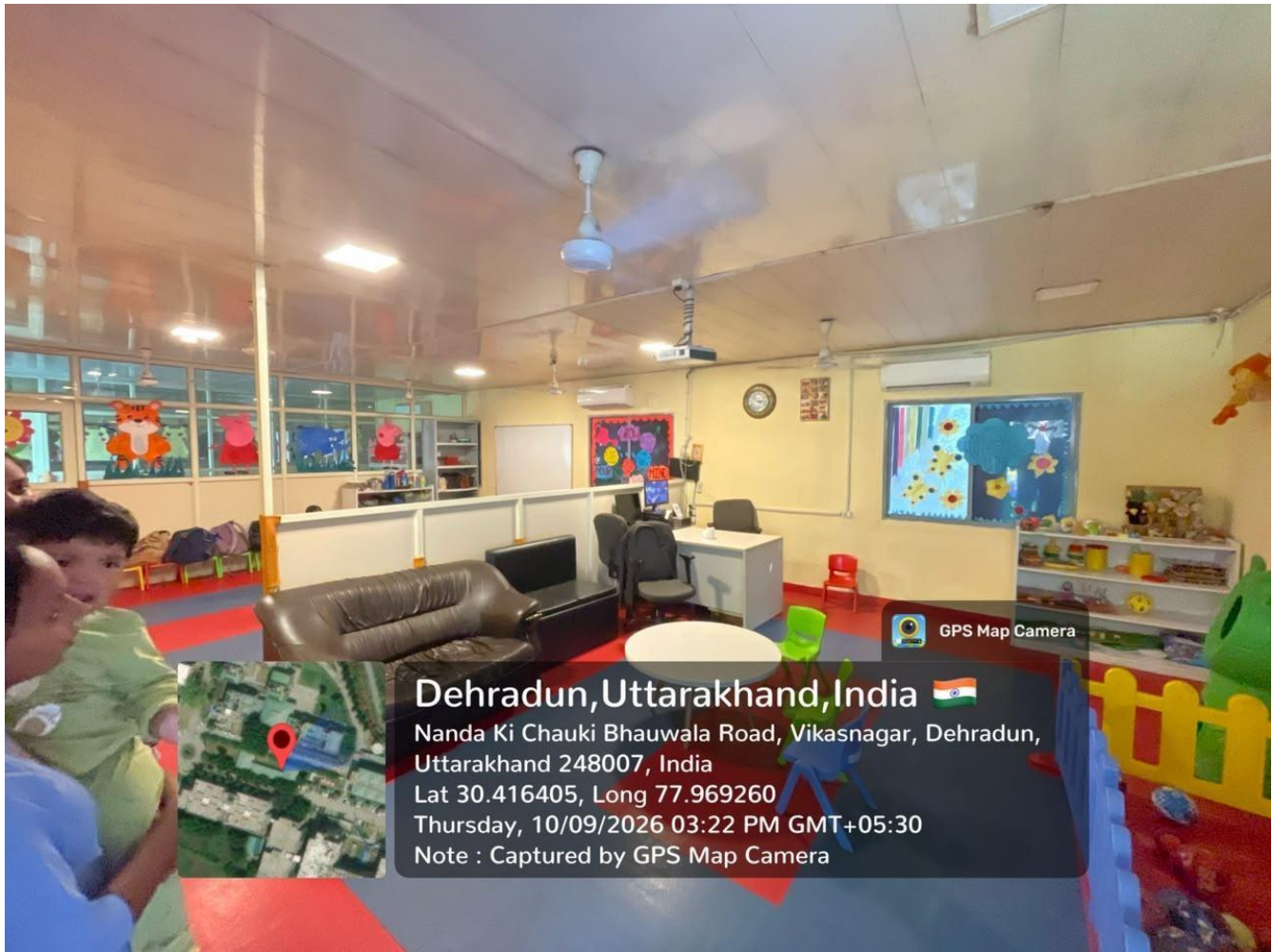
Located just off a main corridor and clearly signposted, the Support Centre for Minorities gives students from minority communities a dedicated space to seek guidance, counselling, and assistance with academic or personal concerns.



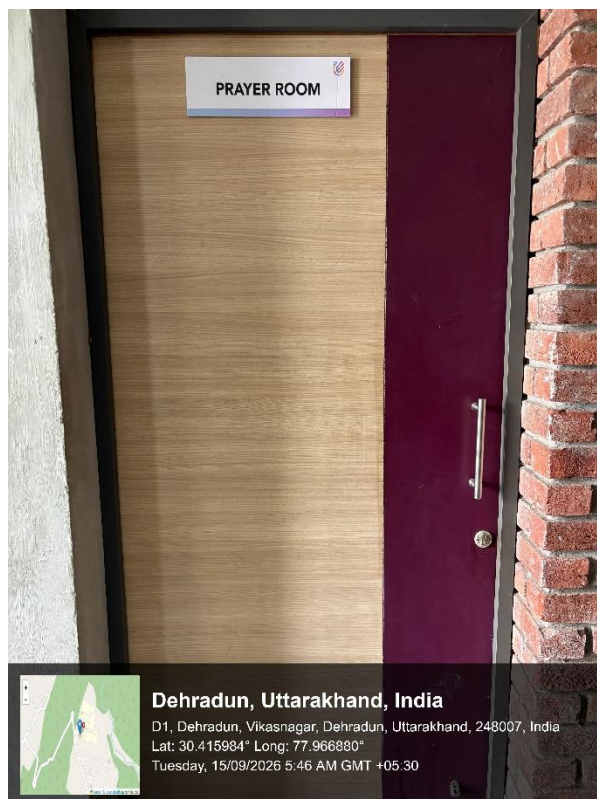
Inside, an open-plan office with workstations and a small waiting area keeps the centre approachable and easy to visit between classes, reflecting the university's broader commitment to an inclusive, supportive campus environment.

Creche Facilities





Prayer Room



Tucked along a quiet corridor, the Prayer Room offers students and staff of all faiths a simple, dedicated space to pause for a few minutes of reflection or worship during the day. Its plain wooden door and understated signage keep it low-key and unobtrusive, blending into the surrounding academic buildings rather than drawing attention to itself. The room reflects UPES's effort to make space for personal and spiritual well-being alongside the more visible facilities on campus, giving anyone who needs it a calm spot to step away from lectures and deadlines for a short while.