

Accessibility Audit Indicators

Indicators	Applicability at BUET	Applicable for physical disable people
1. Exterior and Interior Doors		
1.1 Signage (The visual elements or displays that are placed on or near the doors of a building to convey information or messages to people entering or exiting)	✓	✓
1.2 Number of Entrances	✓	✓
1.3 Threshold (Bevelled/plain & 13mm high/less)	✓	✓
1.4 Opening Doors (Ability of operating doors with a closed hand)	✓	✓
1.5 Presence of Revolving Door (Accessible or not)	✓	✓
1.6 Emergency Exit (Accessible or not)	✓	✓
2. Exterior and interior Ramps		
2.1 Running Slope (Easily movable or not)	✓	✓
2.2 Cross Slope (Easily movable or not)	✓	✓
2.3 Width (Enough width available or not)	✓	✓
2.4 Ramp Surface (textured, color contrasted, glare free, stable, slip resistant)	✓	✓
2.5 Ramp edges (Smooth or Rough)	✓	✓
2.6 Landings (Obstruction free or not)	✓	✓
2.7 Presence of Guard (Both side of the ramp or not)	✓	✓
2.8 Location (Located at crosswalk or not, lead to crosswalk area or not, protected by blocked cars or not)	✓	✓
2.9 Lighting (Presence of proper lighting)	✓	✓
3. Exterior and Interior Stairways		
3.1 Indicator Stripping (Present or not)	✓	✓
3.2 Treads (stable and safe surface for foot replacement)	✓	(Applicable excluding wheelchair user)
3.3 Risers (Solid/ hollow)	✓	(Applicable excluding wheelchair user)

3.4 Handrails (Presence or not)	✓	(Applicable excluding wheelchair user)
3.5 Lighting (Presence of proper lighting)	✓	✓
4. Accessible Parking		
4.1 Number of Parking Spaces	✓	✓
4.2 Signs (International symbol of accessibility)	✓	✓
4.3 Physical Location of the Accessible Spaces (proximity of designated parking space with the designated accessible entrance)	✓	✓
4.4 Number of Spaces for Each Parking Area	✓	✓
4.5 Slope (Adequate slope available or not for safe maneuvering)	✓	✓
4.6 Vehicular entrance (Adequate space or not)	✓	✓
5. Exterior Furnishing		
5.1 Seating space	✓	✓
5.2 Surface height	✓	✓
5.3 Knee Space	✓	✓
5.4 Pathway	✓	✓
5.5 Portability	✗	✗
5.6 Stability	✓	✓
5.7 Color	✓	✓
6. Outdoor Sporting Areas /fields		
6.1 Route (Paved route available or not to the field)	✓	✓
6.2 Slope (exterior walkways)	✓	✓
6.3 Clear space	✓	✓
6.4 Surface Changes (walkway free from steps or not)	✓	✓
6.5 Potential hazards (Obstacles while moving)	✓	✓
7. Exterior Pathways and landscaping		
7.1 Barrier free pathway (Interrupted by steps or not)	✓	✓
7.2 Planting (Adjacent to pedestrian paths or not)	✓	✓
7.3 Lighting (Presence of proper lighting)	✓	✓

8. Hallways		
8.1 Width (Adequate width of moving)	✓	✓
8.2 Level changes (Presence of slopes, steps)	✓	✓
8.3 Benches and seating areas (Fixed to the ground or not)	✓	✓
8.4 Lockers (Can be opened with closed hand or not)	✓	✓
8.5 Wall features (Color contrast, texture, clutter or unclutter.)	✓	✓
8.6 Floor features (Non-glare finish, floor pattering)	✓	✓
8.7 Signage (Visible, audile instructions presence or not)	✓	✓
8.8 Lighting (Presence of proper lighting)	✓	✓
8.9 Alarms (Visuality or audibility)	✓	✓
9. Wheelchair lifts		
9.1 weight capacity (adequate capacity or not)	✓	✓
9.2 Platform (Size)	✓	✓
9.3 Operating Controls (can it be controlled by closed hands or not)	✓	✓
9.4 Call-send controls (availability of call button, operable or not by closed hand)	✓	✓
9.5 Lift use (time duration, can frequency be calculated)	✓	✓
9.6 Lift entrance (Adequate space or not)	✓	✓
10. Refuge /rescue Areas		
10.1 Signage (Signage directing users to areas of refuge/rescue)	✓	✓
10.2 Clear space (Adequate space or not)	✓	✓
10.3 Fire separation (existence of fire-resistant barrier)	✓	✓
10.4 Access (fire fighter accessible exit)	✓	✓
11. Accessibility of Classrooms		
11.1 Maneuvering space (Placement of teacher's desk, class boards)		
11.2 Number of seats (In between wheelchair accessibility)	✓	✓
11.3 Seating Arrangement (are seats, desks and table separate units)	✓	✓
11.4 Floor levels (Classroom free from steps or platforms)	✓	✓

11.5	Microphone systems (Available or not)	✓	✓
12. Accessibility of Auditorium			
12.1	Entrance (Auditorium route free from steps)	✓	✓
12.2	R amp (presence)	✓	✓
12.3	Number of seats	✓	✓
12.4	Seating levels	✓	✓
13. Cafeterias			
13.1	Serving line	✓	✓
13.2	Service/ cashier counter height	✓	✓
13.3	Food/ Beverage cases (shelves, operation with bare hands)	✓	✓
13.4	Menu (served on the table or present behind the counter)	✓	✓
13.5	Seating arrangement (are seats, desks and table separate units)	✓	✓
13.6	Number of seats	✓	✓
13.7	Lighting (Presence of proper lighting)	✓	✓
14. Library			
14.1	Gate (presence of security, width)	✓	✓
14.2	Lifts (space)	✓	✓
14.3	Route (free from fixed object or not)	✓	✓
14.4	Seating arrangement	✓	✓
14.5	Browsing room (number of computers, presence of signage)	✓	✓
14.6	Organization of shelves (accessible by wheelchair or not)	✓	✓
15. Gymnasium			
15.1	Entrance (the route to gymnasium free of steps or not)	✓	✓
16. Washrooms			
16.1	Presence (one single user, unisex, family, barrier free or not)	✓	✓
16.2	Signage (The visual elements or displays that are placed on or near the doors of a building to convey information or messages to people entering or exiting)	✓	✓
16.3	Width (Enough width available or not)	✓	✓

16.4	Door locks (position and height)	✓	✓
16.5	Space around the toilet (enough or not)	✓	✓
16.6	Flush controls (easily usable or not)	✓	✓
16.7	Toilet paper dispenser	✓	✓
16.8	Sink height (easily usable or not)	✓	✓
16.9	Mirror (can be used by a disable person or not)	✓	✓
16.10	Lighting (Presence of proper lighting)	✓	✓
16.11	Ablution space	✓	✓
17. Wayfinding			
17.1	Directories (cover all the entrances or not)	✓	✓
17.2	Positioning	✓	✓
17.3	Font type (small, medium, big)	✓	✓
18. Card access, safety and security systems			
18.1	Lighting	✗	✗
18.2	Controls	✗	✗
18.3	Evacuation of procedures	✗	✗
19. Teaching and other educational equipment			
19.1	Assistive devices		
19.2	Audio Books		
19.3	Extra time to complete exams		
20.4	Designing inclusive curricula.		
20.5	teaching materials		
22.6	Staff Training		
20. Volunteer help for students with disabilities			
20.1	Assistance from students/ university staff		
21. Pedestrian			
21.1	Stable, strong, weatherproof		
21.2	Mound <1.25 cm		
21.3	Slope		
21.4	Stopping point		
21.5	Lighting		
21.6	Drainage away from pedestrian edge		

References:

1. Klinger, L. E. (2013). University Campus Accessibility Measure.
2. Sulaj, A., Dhamo, E., Kondi, B., & Kambo, A. (2021). Assessment of Accessibility of Disabled Students in the Public University Infrastructure in Albania. *Journal of Educational and Social Research*, 11(3), 214-225.
3. Q., Marlina, H., & Nikmatullah, A. (2019, April). Evaluation of accessibility for people with disability in public open space. In *IOP Conference Series: Materials Science and Engineering* (Vol. 506, No. 1, p. 012018). IOP Publishing.
- 4., A., & Rahim, A. A. (2016). Physical barriers faced by people with disabilities (PwDs) in shopping malls. *Procedia-Social and Behavioral Sciences*, 222, 414-422.
5. Aini, Q., Marlina, H., & Nikmatullah, A. (2019, April). Evaluation of accessibility for people with disability in public open space. In *IOP Conference Series: Materials Science and Engineering* (Vol. 506, No. 1, p. 012018). IOP Publishing.