



Dr. B C Roy Engineering College

Jemua Road, Fuljhore, Durgapur, West Bengal 713206

Disabled-friendly and barrier free environment in the Institution

People with disabilities can move around safely and freely and make effective use of the facilities thanks to the amenities for disabled-friendly and barrier-free environment at Dr. B C Roy Engineering College. The purpose of barrier-free design is to create a setting that fosters people's capacity for independence, enabling them to access and take part in institution-wide activities without the need for help. Ramps, lifts, and wheelchair-accessible restrooms are all included in the barrier-free environment provided for impaired students.

Built environment with ramps/lifts for easy access to classrooms

People using mobility aids, such as wheelchairs, crutches, and walkers, as well as individuals who need assistance from others when walking, have been given enough room. A person in a wheelchair's reach (forward and side; with or without obstruction) has been taken into account. Wheelchairs are typically 1050mm x 750mm in dimension (as per ISI). Additionally, ramps have been created at the central library and student canteen for simple access and barrier-free movement of students with special needs. Access to the classroom is made possible by ramps through the B-block of the main building. In a wheelchair, pushing the body up a ramp requires the use of the upper limbs. When installing ramps, attention has been made to prevent steep ramps because when descending a ramp in a wheelchair, especially on steep ramps, there is a potential that the wheelchair would lose control because the user must actively manage the speed. A ramp has a significant incline, a reasonable ascent, two handrails, and enough travel room for a smooth manoeuvre. At the top and bottom of the ramp, a flat area is kept so wheelchairs can stop there and stay in control.

Snapshots of Ramp facility inside campus





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Disabled-friendly washrooms

"Accessible toilets" are designated restrooms on campus that are barrier-free and simple to use for students with disabilities. The institution's Vidyasagar Bhawan building has this washroom for Divyangjan on the first level (for girls) and the ground floor (for boys). For simple access and movement inside the restroom, this washroom features a non-slip surface with no level differences, a light-weight PVC door shutter, and vertical and horizontal hand rails made of 40 mm C.P. steel tubing.

Snapshots of Disabled-friendly washrooms facility inside the campus



Display boards and signposts

Physically challenged students can move throughout the institute freely and independently thanks to the ample assistance of signposting and display boards at key locations.

Snapshots of Display boards and signposts facility inside the campus

