

BARRIER FREE ENVIRONMENT

AVAILABILITY CERTIFICATE

This to certify that Bannari Amman Institute of Technology, Aluthukombai (Po), Sathumugai Village Panchayat, Sathyamangalam, Erode District has implemented measures to support individuals with disabilities, fostering an environment free of barriers.

- Number of Ramps and handrails : 20
- Number of Lifts : 8
- Number of Restrooms / Toilets for persons with Disabilities : 5

Registered Architect Name : Siddarth Gopala Sankar

COA Registration No : CA / 2005 / 36220

Date : 11.04.2024

Signature & Seal :



SIDDARTH GOPALA SANKAR, M.ARCH.,E.I.A.,

Registered Architect As

L.B.S. GRADE-I

L.S. ARCHITECT No. CA/2005/36220

Coimbatore LPA/RA/GR-I/19/04/016

APPROACH ROADS

AVAILABILITY CERTIFICATE

This to certify that Bannari Amman Institute of Technology, Aluthukombai (Po), Sathumugai Village Panchayat, Sathyamangalam, Erode District is located on Anthiyur Main road at 4 Km from Sathyamangalam through which NH 209 passes. The Institution is also well served and connected with approach roads for the free movement of students, public, transportation vehicles and other public vehicles. The available approach roads are conducive and fit for usage during all seasons.

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BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution Affiliated to Anna University - Chennai • Approved by AICTE • Accredited by NAAC with "A+" Grade

SATHYAMANGALAM - 638401 ERODE DISTRICT TAMILNADU INDIA

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Barrier Free Environment

1.0 Introduction

Bannari Amman Institute of Technology (BIT) is deeply committed to fostering an inclusive, equitable, and accessible academic environment for all members of its community. The Institute recognises that true educational excellence can only be achieved when every individual - regardless of physical ability or learning capacity - has unhindered access to its facilities, resources, and opportunities.

In alignment with the Rights of Persons with Disabilities Act, 2016, BIT has systematically developed and implemented a comprehensive barrier-free infrastructure across its campus. This report provides a detailed account of the accessibility facilities and support systems that have been established to ensure that persons with disabilities and individuals with diverse learning abilities can fully participate in the academic, administrative, and co-curricular activities of the Institute.

2.0 Scope and Coverage

The barrier-free infrastructure and support systems at BIT are designed to serve all stakeholders of the Institute, including students, faculty members, administrative staff, and visitors. Specifically, the following categories of individuals are accommodated through dedicated accessibility provisions:

1. Wheelchair users and individuals with permanent or temporary mobility impairments
2. Persons with partial or complete visual impairment
3. Persons with hearing impairment or deafness
4. Persons with cognitive and learning difficulties
5. Individuals temporarily disabled due to illness, injury, or post-surgical recovery
6. Elderly visitors and staff requiring mobility assistance

3.0 Accessibility Facilities and Infrastructure

The following accessibility facilities have been established across the campus premises to support persons with disabilities and ensure unobstructed movement and participation:

- Medical facilities
- Ramps and handrails
- Elevators (lifts)
- Automatic Doors
- Accessible Restrooms / Toilets
- Battery-operated Vehicles

3.1 Medical Facilities

A well-equipped Medical Centre operates on campus to provide comprehensive healthcare services to all members of the Institute community, including persons with disabilities. The Medical Centre is staffed round-the-clock by two Resident Medical Officers, one qualified Staff Nurse, and two Nursing Assistants, ensuring that prompt medical attention is available at all times.

A 24×7 ambulance facility is stationed on campus to respond to medical emergencies and to facilitate the safe transfer of patients requiring advanced medical intervention to hospitals in Sathyamangalam, Coimbatore, or Erode.



Medical Centre

Wheelchairs are readily available at the Medical Centre and at key locations across the campus to assist individuals with mobility limitations.



Wheel Chair

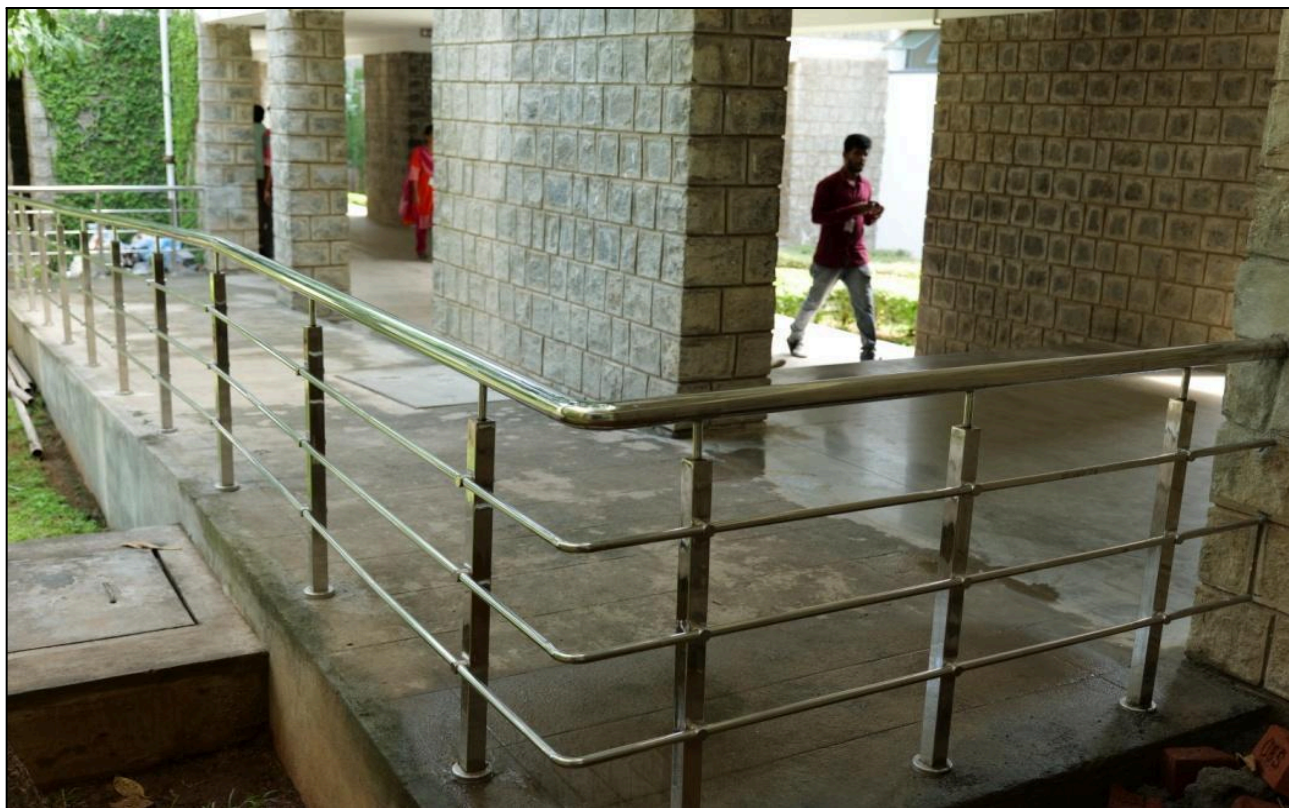
3.2 Ramps And Handrails

To facilitate safe and independent movement for persons with disabilities, barrier-free ramps and sturdy handrails have been installed at all major entrances, building thresholds, and level-changes across the campus. The ramps are constructed in accordance with the provisions of the National Building Code of India and relevant accessibility standards, ensuring adequate gradient, width, and anti-slip surface finishes for the safe use of wheelchair users and individuals with limited mobility.



Ramps

Continuous handrails are provided on both sides of all ramps and staircases to offer additional support and stability. The handrails are fixed at two heights to accommodate both adults and children, and their design ensures a secure and comfortable grip.

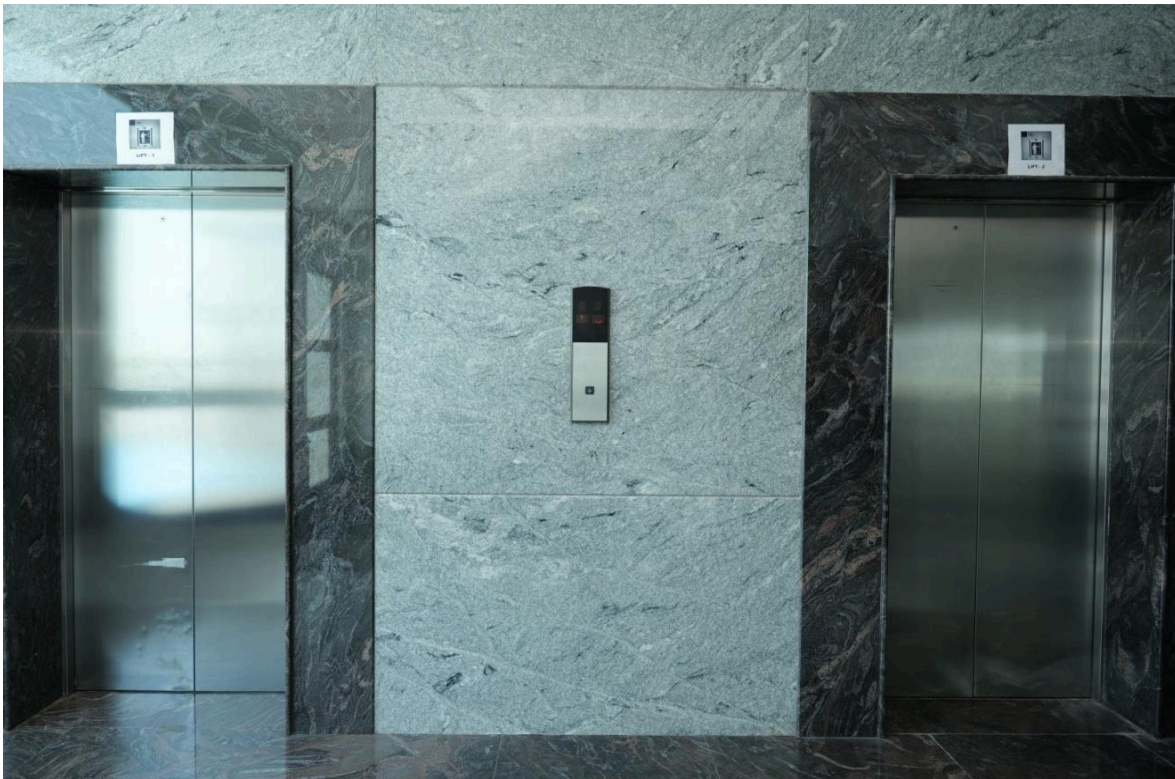


Handrails

3.3 Elevators (Lifts)

Elevators are installed in all multi-storeyed academic and administrative buildings to provide equitable vertical access for persons with disabilities. The elevators are designed with dimensions spacious enough to comfortably accommodate a standard wheelchair along with an attendant. Key accessibility features of the elevators include:

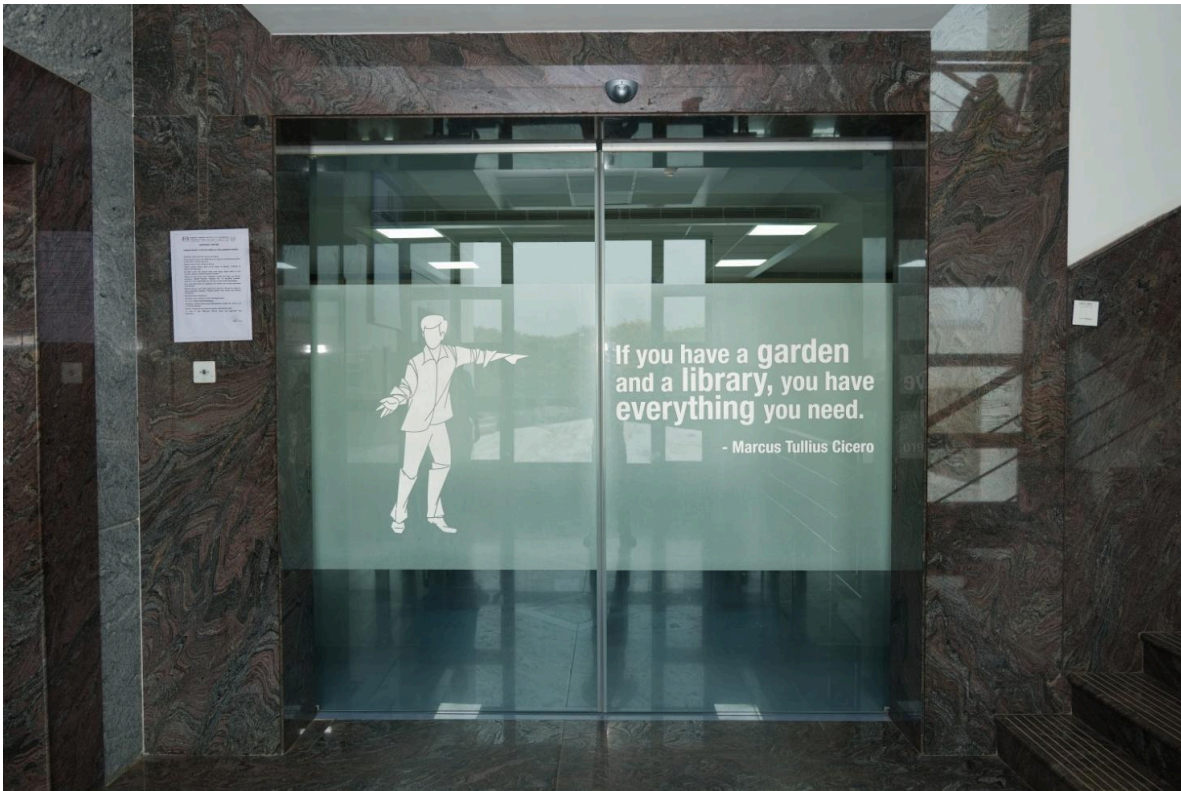
- Clearly marked and well-illuminated floor-level indicators
- Audible announcements and visual displays at each floor to assist users with visual and hearing impairments
- Braille markings on control panels for the benefit of visually impaired users
- Adequate response time and door-open duration to allow comfortable ingress and egress
- Emergency intercom systems for immediate assistance in the event of a malfunction



Lifts (Learning Centre)

3.4 Automatic Doors

Automatic sliding doors equipped with motion-sensing technology are installed at the principal entrances of major campus buildings, including the Learning Centre and administrative blocks. These doors facilitate smooth, hands-free access for wheelchair users, individuals using mobility aids such as crutches or walkers, and persons carrying assistive devices. The automatic door systems eliminate physical barriers at entry and exit points, thereby promoting independent and dignified access for all users.



Automatic Doors - Learning Centre

3.5 Accessible Restrooms / Toilets

Dedicated wheelchair-accessible restrooms and toilets are available on each floor of the major buildings across campus. These facilities are designed in compliance with accessibility standards and incorporate the following features:

- Adequate floor area to permit unobstructed wheelchair manoeuvring
- Sanitary fixtures installed at accessible heights suitable for seated users
- Grab bars and handrails mounted adjacent to toilet fixtures to assist individuals with reduced upper-body strength and limited mobility
- Wide entrance doors to permit easy wheelchair entry
- Non-slip flooring surfaces to minimise the risk of falls
- Clear signage and tactile indicators to assist visually impaired users in locating the facilities



Rest Rooms - Physically Challenge



Rest Room with Grab Bars for limited mobility persons

3.6 Battery-Operated Vehicles

A fleet of twelve battery-operated electric vehicles is maintained on campus exclusively to assist persons with disabilities and mobility impairments in commuting between academic departments, hostels, the library, the medical centre, and other campus facilities. These vehicles operate on a scheduled and on-demand basis, ensuring that individuals who are unable to walk long distances can travel conveniently and safely across the expansive campus premises. The battery-operated vehicles represent a significant commitment by the Institute to providing practical, day-to-day mobility support to its differently-abled community members.



Battery Operated Vehicles

4.0 Commitment to Continuous Improvement

BIT recognises that creating a truly inclusive environment is an ongoing endeavour. The Institute regularly reviews its accessibility infrastructure in consultation with disability experts, student representatives, and relevant stakeholders to identify areas for further improvement. Feedback mechanisms are in place to allow persons with disabilities to report accessibility challenges, and corrective measures are implemented in a timely manner.

The Institute is committed to ensuring that all future construction and renovation projects adhere to universal design principles, thereby continuously enhancing the accessibility and inclusivity of its campus environment.

5.0 Conclusion

BIT has made substantial and sustained investments in developing a barrier-free campus environment that upholds the dignity, independence, and equal participation of all its community members. Through the provision of medical facilities and on-campus wheelchairs, well-designed ramps and handrails, accessible elevators, automatic doors, wheelchair-friendly restrooms, and battery-operated mobility vehicles, the Institute ensures that persons with disabilities are not disadvantaged in their pursuit of academic and professional excellence.