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Aziz Nagar, C.B.Post, Hyderabad -500075

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### 7.1.7 Disabled Friendly environment

The VJIT shows the concern about the Disabled students. Although, the admission of such category students is zero, minimum facilities are maintained in the institutions to provide immediate support to such students.

#### **Differently abled (Divyangjan) Friendliness Resources available in the institution:**

S.no.	Title of the Facility	status
1	wheel chairs for movement of physically hand capped	Provided
2	Ramps for physically handicapped	Provided
3	Lift for physically handicapped	Provided
4	Scribes for examination	Provided
5	Washrooms for Physically Disabled people	Provided

## Differently abled (Divyangjan) Friendliness Resources available in the institution:

### PHYSICAL FACILITIES:

#### 1. WHEEL CHAIR

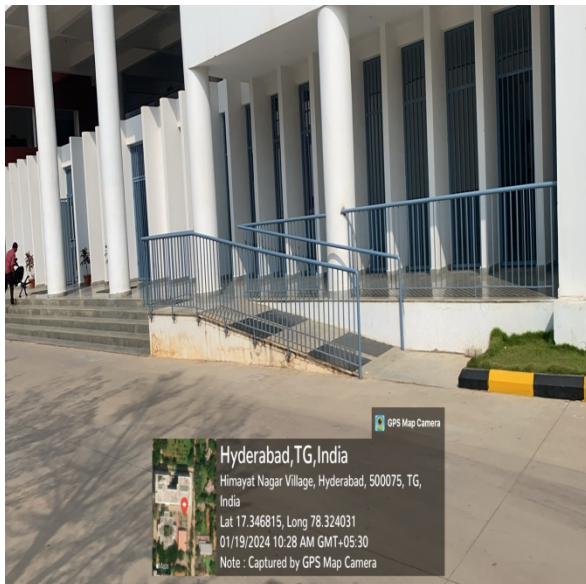
VJIT Introducing wheelchair accessibility and accommodation for physically disabled students in the campus, is not just a matter of convenience but also a necessity to ensure inclusivity and equal opportunities for all physically disabled students. Here's how VJIT can accommodate physically abled students through Wheelchair



#### Wheelchair in the VJIT Campus

#### 2.Ramp/Rails:

Implementing ramps and rails in engineering colleges for physically disabled students is not just a matter of compliance with accessibility standards; it's also a fundamental aspect of inclusive and equal Opportunity.



## Availability of Free-Walk Ramps for Physically Disabled Students in the VJIT Campus

## 2. WASH ROOMS FOR PHYSICALLY DISABLED STUDENTS:

Ensuring accessibility for physically disabled students in VJIT Campus is crucial for fostering inclusivity and providing equal opportunities for education.



**VJIT is providing separate western washrooms for physically handicapped students**

## 4. SCRIBES FOR EXAMINATION:

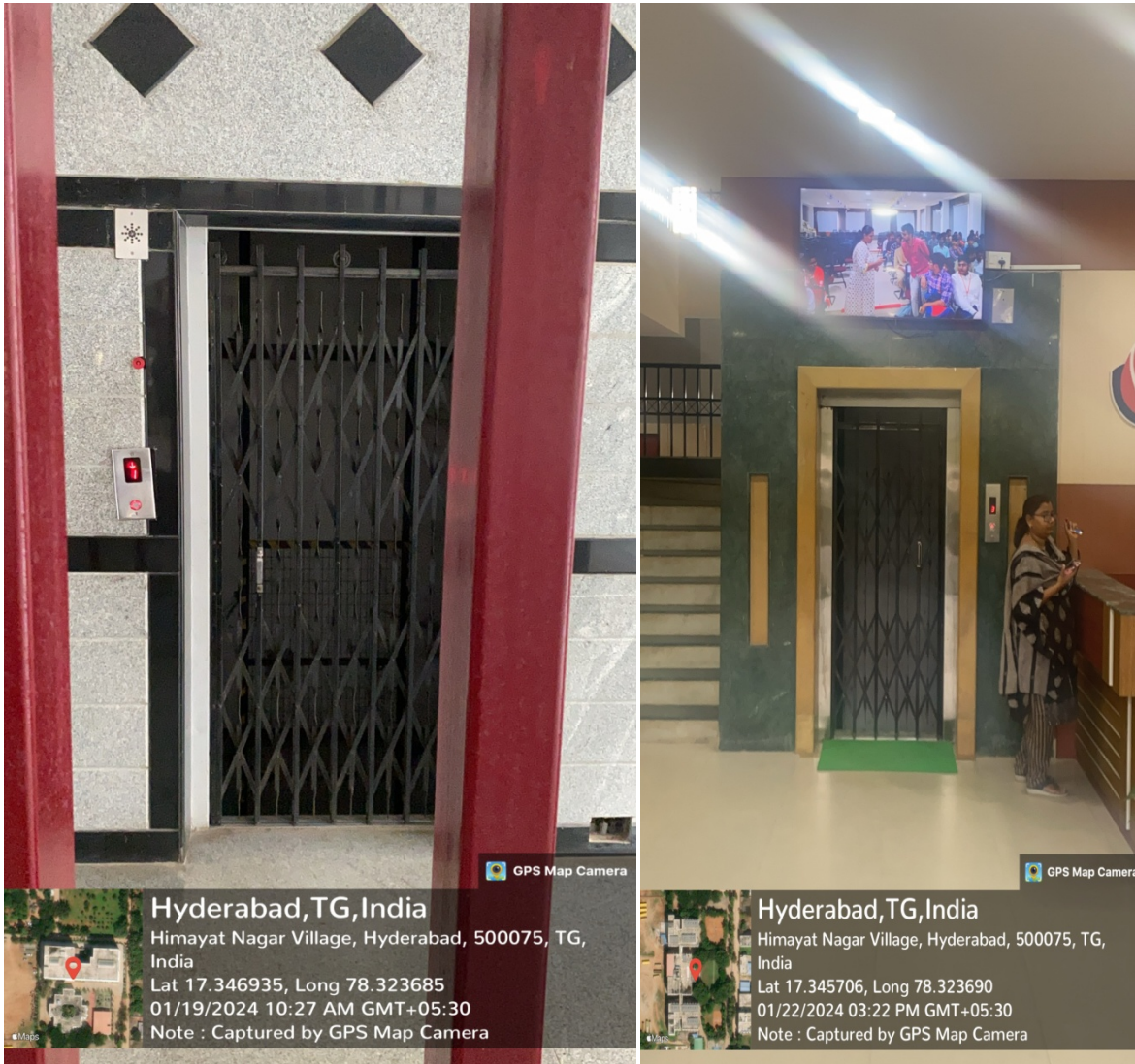
Scribes for examinations in VJIT Campus is for physically disabled students are crucial for ensuring equal opportunities and accessibility in education. Overall, providing scribes for examinations in VJIT Campus for physically disabled students is not only a matter of legal compliance but also a fundamental aspect of promoting inclusivity and diversity in higher education. VJIT makes provisions to ensure that examination halls and materials are accessible to physically disabled students, including wheelchair ramps, adjustable desks, and accessible



**SCRIBE ROOM FOR PHYSICALLY DISABLED STUDENTS**

## 5. LIFTS FOR PHYSICALLY HANDICAPPED PERSONS:

Implementing lifts in VJIT Campus for physically disabled students is essential to ensure equal access to education and facilities for all individuals, regardless of their physical abilities. The VJIT administration developed a comprehensive accessibility plan that addresses the specific needs of physically disabled students. The VJIT established protocols for regular inspections, maintenance, and repairs to address any issues promptly



## LIFTS AVAILABILITY IN THE VJIT CAMPUS FOR PHYSICALLY DISABLED STUDENTS



# **VIDYA JYOTHI**

## **INSTITUTE OF TECHNOLOGY**

**AN AUTONOMOUS INSTITUTION**

### **POLICY FOR PERSONS WITH DISABILITIES**

**DATE: 12/02/2024**

Vidya Jyothi Institute of Technology was established in 1998 by Vidya Jyothi Educational Society created by a group of committed academicians and enterprising educationists. VJIT quickly won the confidence of the parent community and the students to become one of the select destinations for future engineers. Soon the lamp of knowledge began to spread its radiance far and wide. The institute is committed to adopt the changes in Engineering Education and strongly believes in and strives to strengthen the Technical Education.

VJIT envisages in the comprehensive development of students and offers qualitative, enduring and enriching education making it a dynamic hub of academic excellence.

#### **OBJECTIVES OF THE POLICY**

1. To create inclusive culture to avoid discrimination, exploitation and exclusion of disable students and staff from all areas of work and education
2. To ensure implementation of all legislations with respect to persons with disabilities
3. To ensure full participation of persons with disabilities and to provide them the equal opportunities for development.
4. To provide all the facilities in the campus for barrier free movement of persons with disabilities.

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# VIDYA JYOTHI

## INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION

### DISABILITY

Disability is a term that includes motor and sensory limitations like mobility, vision or hearing impairments. It also includes disabilities resulting from chronic illness and syndrome. Many disabilities vary in degree and type of limitation; therefore, accommodations must also vary and should be tailored to the needs of the individual.

VJIT will constitute a specialized committee for people with disabilities which will be responsible in preparing, executing and amending policy and guidelines for persons with disabilities. The major functions of this committee for persons with disabilities include.

It is not Accessibility policy Providing access means making all the services, activities and benefits thereof, fully available to qualified people with disabilities. The institution should provide various provisions in creating; disabled friendly campus. The college administration and faculty members should ensure appropriate/reasonable accommodations for each person with a disability and be willing to resolve access problems. The campus should be barrier free and accessible for differently able persons

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## SOFTWARE PROCURED FOR PROVIDING ASSISTANCE

Implementing Braille software in VJIT Campus for physically disabled students can greatly enhance their learning experience and accessibility. Here are some key points to consider for such an implementation in the campus.

- 1. Software Selection:** VJIT chooses Braille software that is user-friendly, robust, and compatible with the curriculum used in campus. When it look for features such as translation of text into Braille, support for various Braille displays, and compatibility with different operating systems.
- 2. Training and Support:** VJIT provided comprehensive training and support to both students and faculty members on how to use the Braille software effectively. This may involve workshops, tutorials, and access to technical support resources.
- 3. Integration with Curriculum:** VJIT ensures that the Braille software seamlessly integrates with the engineering curriculum. This includes compatibility with textbooks, lecture notes, lab manuals, and other course materials.
- 4. Accessibility Testing:** VJIT conduct thorough accessibility testing to identify and address any usability issues or barriers faced by physically disabled students. Solicit feedback from students and faculty to continuously improve the software's accessibility.
- 5. Collaboration with Disability Services:** VJIT work closely with disability services to understand the specific needs of physically disabled students that the implementation of Braille software accordingly. This may involve customizing settings, providing additional resources, or offering alternative solutions as needed.
- 6. Regular Updates and Maintenance:** VJIT ensures that the Braille software is regularly updated to fix bugs, improve performance, and add new features. Establish a maintenance plan to address any technical issues promptly.



- 7. **Promotion and Awareness:** VJIT raises awareness about the availability and benefits of Braille software among students, faculty, and staff within the college. Encourage inclusivity and support for physically disabled students within the academic community.
- 8. **Evaluation and Feedback:** VJIT continuously evaluate the effectiveness of the Braille software implementation through feedback from students, faculty, and disability services.

By implementing Braille software in VJIT Campus for physically disabled students can foster a more inclusive learning environment and empower all students to succeed in their academic pursuits.

**BrailleBlaster** Download FAQ Documentation Feedback BrailleZephyr Contact Us Donate

## A New Choice in Braille Transcription Software

BrailleBlaster™ is a braille transcription program developed by the American Printing House for the Blind to help transcribers provide blind students with braille textbooks on the first day of class.

[Download](#) | [FAQ](#) | [Documentation](#) | [Donate](#)

**What is BrailleBlaster?**

BrailleBlaster takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) files to automate basic formatting and gives you tools to make advanced tasks quicker and easier. Designed primarily for editing textbooks that meet the specifications published by the Braille Authority of North America, the purpose of BrailleBlaster is to help braille producers ensure that every student has their braille textbooks on the first day of class.

BrailleBlaster relies on Liblouis, a well-known open-source braille translator, for translating text and mathematics to braille.



## BrailleBlaster Features

- Translate braille accurately in UEB or EBAE
- Format braille
- Automate line numbered poetry and prose
- Split books into volumes
- Add transcriber notes
- Describe images
- Automate braille table of contents, glossaries, preliminary pages and special symbols pages
- Automate a variety of table styles
- Translate and edit single line math
- Do much more!

The development of BrailleBlaster and modifications to Liblouis are part of the REAL Plan (Resources with Enhanced Accessibility for Learning). The REAL Plan is an ongoing initiative of the American Printing House for the Blind to improve the conversion and delivery of braille and other accessible formats to students who are blind.

## BrailleBlaster Patent Information

In August 2022, the U.S. Patent and Trademark Office (USPTO) issued APH Patent No. US 11,410,575 B2 for BrailleBlaster's Spatial Math Editor. Under the title "Interface and Tools for Accessible Textbook Generation," the patent has 17 granted claims covering the features and methods of the mathematics tools operable through BrailleBlaster's transcription system and interface.

Patents grant intellectual property rights on new and useful inventions, giving the patent owner the exclusive right to prevent others from using, making, or selling the invention without permission for 20 years from the filing date.



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