GAYATRI VIDYA PARISHAD
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
Madhurawada :: Visakhapatnam – 530 048
(Approved by AICTE, New Delhi and Affiliated to Andhra University)
Accredited by NAAC with "A" grade from 2022 to 2027
CSE, ECE and IT Courses Accredited by NBA (2019-2022) and Re-accredited by NBA (2022-2025)
EEE Course Accredited by NBA (2023-2026)

Criterion VII – Institutional Values and Best Practices

Metric No.	Key Indicator - 7.1 Institutional Values and Social Responsibilities
	Environmental Consciousness and Sustainability
7.1.7 **Q$_n$M**	***The Institution has a Divyangjan-friendly and barrier-free environment:*** 1. Ramps/lifts for easy access to classrooms and centres 2. *Divyangjan* -friendly washrooms 3. Signage including tactile path lights, display boards and signposts 4. Assistive technology and facilities for persons with *Divyangjan* accessible website, screen-reading software, mechanized equipment, etc. 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc. **Options:** A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1of the above E. None of the above **File Description:** • Geotagged photographs / videos of facilities • Policy documents and brochures on the support to be provided • Details of the software procured for providing assistance • Any other relevant information **Note: Data template is not applicable to this metric.**

A: Any 4

Consolidated table:

S.No:	Name
1.	Ramps/lifts for easy access to classrooms and centres
2.	Divyangjan -friendly washrooms
3.	Assistive technology and facilities for persons with Divyangjan accessible website, screen-reading software, mechanized equipment, etc
4.	Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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Policy for Divyangjan

1. Preamble and Philosophy

Founded in 2008, Gayatri Vidya Parishad College of Engineering for Women is committed to the mission of empowering women through value-driven technical education. Central to this mission is the creation of a nurturing, inclusive, and barrier-free academic ecosystem. The institution recognizes that diversity is a catalyst for innovation and is dedicated to ensuring that differently-abled individuals are treated with dignity, provided equal opportunities, and integrated into all aspects of campus life with specific facilities, and compliance with the Rights of Persons with Disabilities (RPwD) Act, 2016.

2. Policy Provisions

A. Physical Infrastructure & Built Environment

The institution maintains a barrier-free campus designed to facilitate independent movement.

- Architectural Access: All academic blocks, administrative zones, and common areas are equipped with ramps and railings.
- Specialized Facilities: The auditorium is designed with side-ramp access to the dais to ensure inclusivity during events.
- Sanitation: Provision of disabled-friendly washrooms in all floors.

B. Inclusive Learning & Assistive Technology

To mitigate learning barriers, the college provides a suite of assistive tools and pedagogical support:

- ICT Resources: Availability of screen-reading software

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- Academic Flexibility: Provision of scribes for examinations and extended time limits as per government and university norms.

C. Code of Conduct and Equality

- Non-Discrimination: The institution strictly prohibits any form of discrimination or harassment based on disability during admissions, recruitment, or daily operations.

The institution is responsible for the infrastructure and the redressal of any grievances. This ensures the college remains a dynamic, accessible, and progressive space for future women leaders in a globalized world.

1. Ramps/lifts for easy access to classrooms and centres

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Visakhapatnam, Andhra Pradesh, India
Ramp in the ground floor, Visakhapatnam, Andhra Pradesh 530048, India
Lat 17.820794° Long 83.349209°
Wednesday, 07/01/2026 10:59 AM GMT +05:30

Visakhapatnam, Andhra Pradesh, India
RAMP IN GVPCEW AUDITORIUM, Visakhapatnam, Andhra Pradesh 530048, India
Lat 17.821134° Long 83.349408°
Wednesday, 07/01/2026 11:55 AM GMT +05:30

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GAYATRI VIDYA PARISHAD
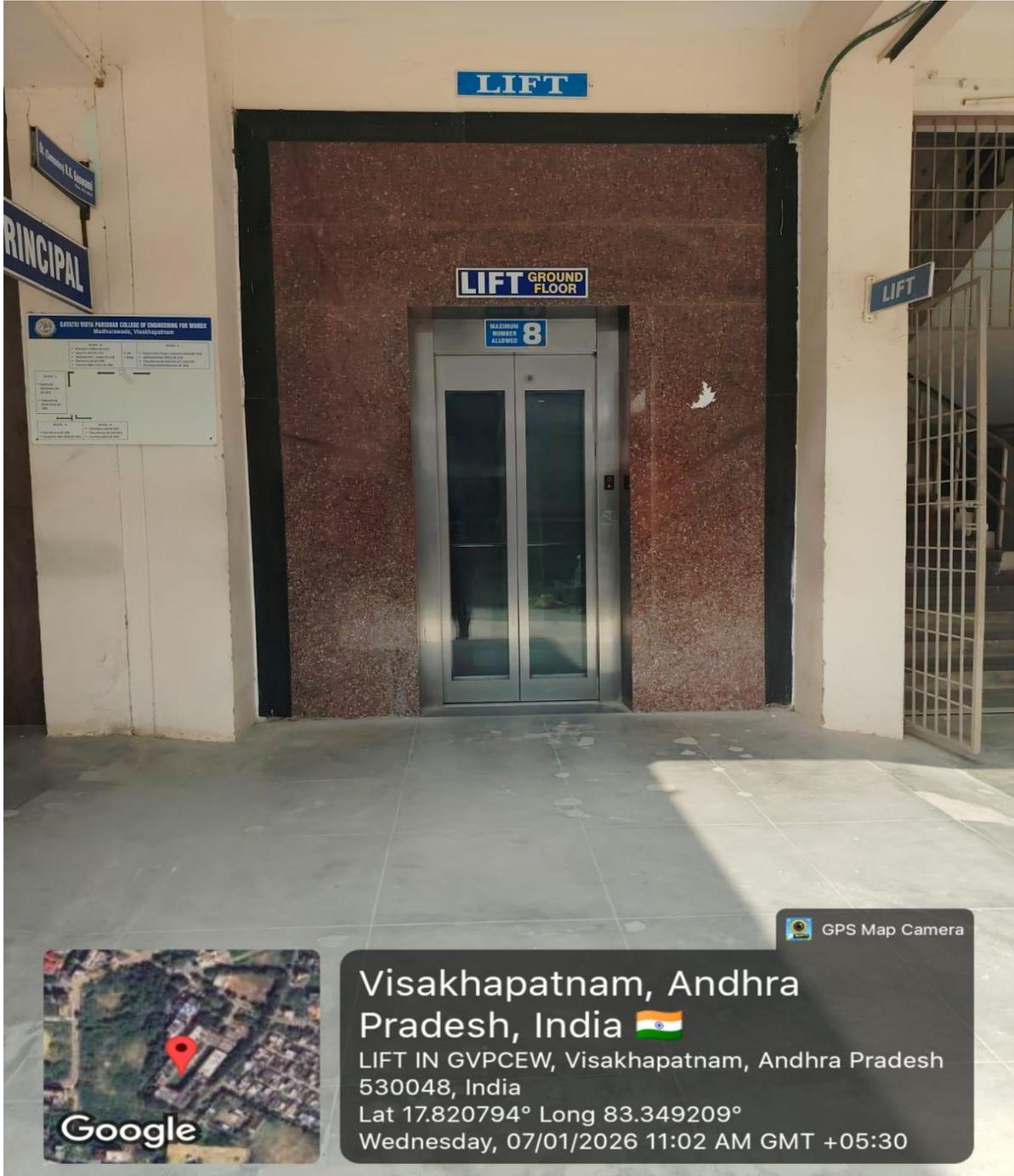# COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
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2. Divyangjan -friendly washrooms

Common room:

GAYATRI VIDYA PARISHAD
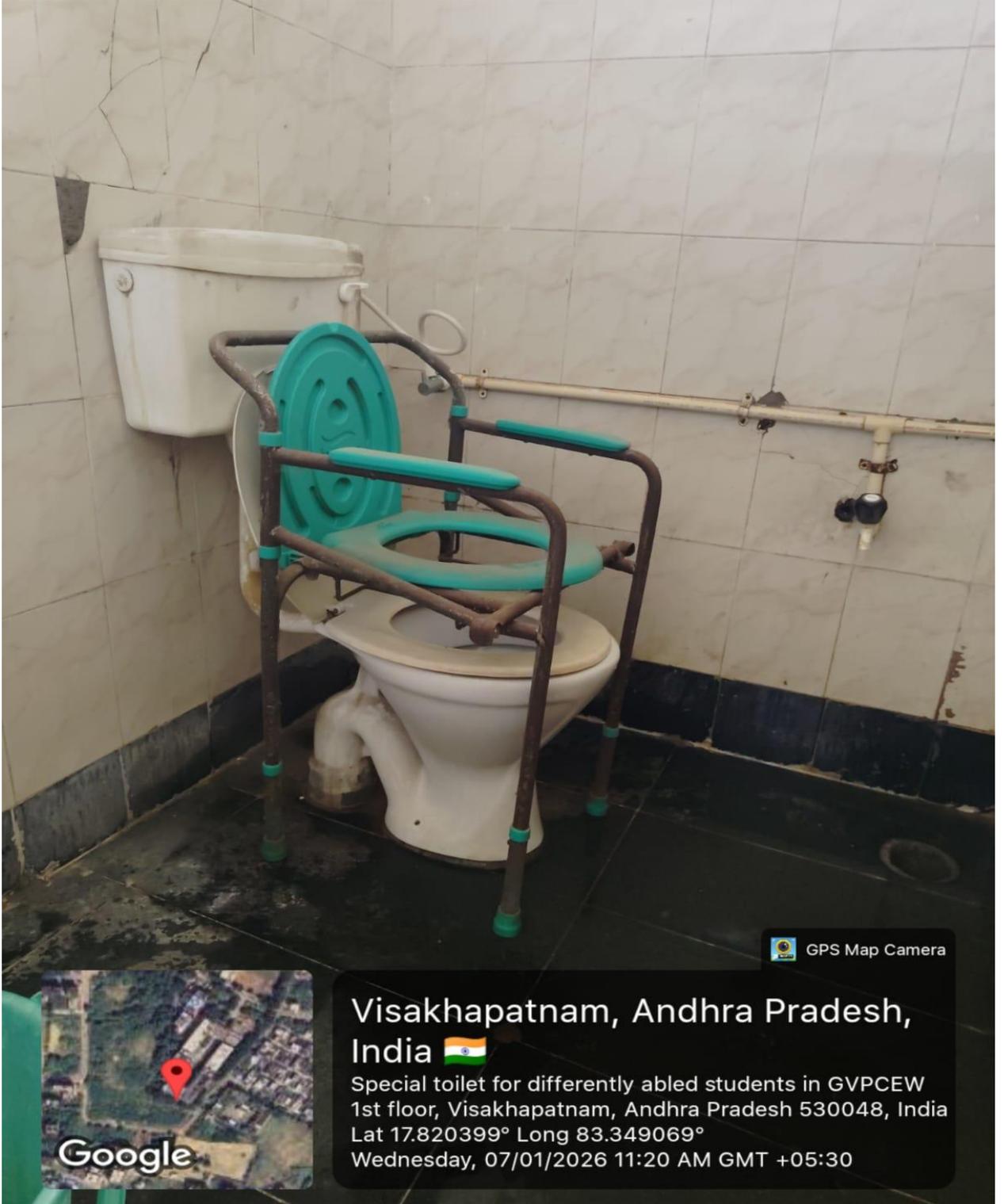# COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)

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Visakhapatnam, Andhra Pradesh, India 🇮🇳
Special toilet for differently abled students in GVPCEW
1st floor, Visakhapatnam, Andhra Pradesh 530048, India
Lat 17.820399° Long 83.349069°
Wednesday, 07/01/2026 11:20 AM GMT +05:30

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Visakhapatnam, Andhra Pradesh, India 🇮🇳
Special toilet for differently abled students in GVPCEW 2nd floor, Visakhapatnam, Andhra Pradesh 530048, India
Lat 17.820399° Long 83.349069°
Wednesday, 07/01/2026 11:27 AM GMT +05:30

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Special toilet for differently abled students

GPS Map Camera

Visakhapatnam, Andhra Pradesh, India 🇮🇳
Special toilet for differently abled students in GVPCEW 3rd floor, Visakhapatnam, Andhra Pradesh 530048, India
Lat 17.820345° Long 83.348931°
Wednesday, 07/01/2026 11:33 AM GMT +05:30

Google

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3. Assistive technology and facilities for persons with Divyangjan accessible website, screen-reading software, mechanized equipment, etc.

Assistive Technology and Digital Accessibility:

Gayatri Vidya Parishad College of Engineering for Women Autonomous actively bridges the digital divide by integrating specialized assistive software into its core ICT infrastructure. The institution ensures that every student, regardless of physical or sensory limitations, has equal access to the digital learning landscape.

A. Visual Impairment Support: NVDA (NonVisual Desktop Access)

The college has deployed NVDA, a globally recognized open-source screen reader, across computer laboratories and digital library terminals.

- Institutional Provision: The software is pre-installed on shared campus systems and provided as a free utility for student-owned devices.
- Impact: Enables non-visual navigation of Windows environments, web browsers (Chrome/Firefox), and engineering documentation, allowing visually impaired students to perform complex programming and research tasks independently.

B. Hearing Impairment Support: Real-Time Transcription

To facilitate an inclusive classroom experience, the college promotes the use of Live Transcribe (powered by Google's speech-recognition technology).

- Classroom Integration: Students with hearing impairments utilize this tool on mobile or tablet devices provided/supported by the college to convert faculty lectures into real-time, easy-to-read text.
- Functional Benefit: This ensures high levels of engagement during live discussions, seminars, and technical workshops.

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C. Learning & Literacy Support: Text-to-Speech (TTS)

The institution leverages tools like NaturalReader and Microsoft Immersive Reader to assist students with diverse learning needs, including those with dyslexia or low vision.

- Utility: These tools assist in the auditory processing of digital textbooks, research papers, and e-learning content, reducing cognitive load and enhancing comprehension.

Summary of Assistive ICT Facilities:

Software Category	Tool Deployed	Primary Beneficiary	Institutional Action
Screen Reader	NVDA	Visually Impaired	Pre-installed in Labs/Library
Speech-to-Text	Live Transcribe	Hearing Impaired	Supported in Classrooms
Text-to-Speech	NaturalReader	Learning Disabled / Low Vision	Available on ICT Nodes
Magnification	Windows Magnifier	Low Vision	Configured on all OS Terminals

4. Digital Inclusion & Assistive ICT Ecosystem

To accommodate students with diverse learning speeds or motor challenges, the following institutional supports are provided:

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Software Category	Example Tools Provided	Academic Use Case
Text-to-Speech (TTS)	NaturalReader / Immersive Reader	Auditory processing of digital textbooks and research papers for students with dyslexia or low vision.
Speech Recognition	Windows Speech Recognition	Hands-free device control and dictation for students with motor impairments.
On-Screen Input	On-Screen Keyboard / Dasher	Alternative input methods for students unable to use physical hardware.
Visual Enhancement	Windows Magnifier / ZoomText	Enlarging schematics and code for low-vision students.

The implementation of these tools at GVPCEW is driven by three core institutional pillars:

1. Academic Empowerment: Providing equal access to the tools required for high-level technical research and engineering.

2. Social Inclusivity: Reducing barriers to peer-to-peer collaboration and classroom interaction.

3. Institutional Affordability: By championing high-quality open-source and free software, the college ensures that accessibility is a right, not a financial burden, for the student.