



## CRITERIA – 7.1

AY 2023-24

### Criterion: 7.1 Institution Values and Social Responsibilities.

#### 7.1.7 The Institution has disabled-friendly, barrier free environment.

##### 1. Built environment with ramp / lifts for easy access to classrooms.

The campus features strategically constructed ramps, addressing uneven floor levels to enhance safety and minimize the risk of accidents caused by sudden knee jerks. These ramps serve as practical solutions for maneuvering wheelchairs and trolleys effortlessly over curbs or steps with slight elevation differences. Not only do utility ramps facilitate smooth wheeled movement between uneven surfaces, but they also significantly ease the mobility of individuals with disabilities. Complementing the ramps, lift facilities are in place to seamlessly transport both individuals and heavy objects between different floors. Photo 1 and photo.2 showcases the thoughtfully designed ramp and lift amenities within the college campus.

##### 2. Disabled-friendly washrooms.

The institution consistently demonstrates its commitment to fostering a barrier-free environment for individuals with disabilities. As part of this commitment, the college has implemented disabled-friendly washroom facilities in photo.3 and photo.4, ensuring inclusivity and accessibility for all. These specially designed washrooms go beyond mere compliance by incorporating features that cater to the diverse needs of individuals with disabilities.

Ramps have been thoughtfully integrated to provide easy access to the toilets, addressing the challenges posed by elevation changes and ensuring a seamless transition for those with mobility aids. Moreover, the interior of these washrooms is equipped with strategically placed holding handles, strategically positioned to offer essential support and stability. These handles are positioned with precision to enhance safety and independence for individuals with disabilities, acknowledging and accommodating their unique requirements within the washroom space.

By proactively addressing the physical challenges that individuals with disabilities may encounter, the institution goes above and beyond regulatory standards, striving to create an environment that promotes dignity, autonomy, and equal opportunity for everyone within the college community.



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Photo.1: Ramps facility inside the college



Photo.2: Lift facility inside the college

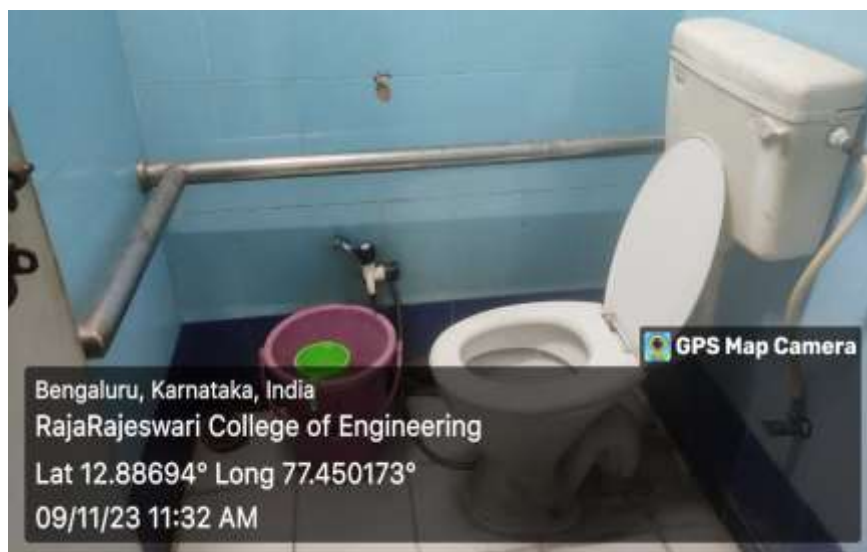


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**Photo.3: Disabled-friendly washrooms facility inside the college**



**Photo.4: Facility inside Disabled-friendly washroom**



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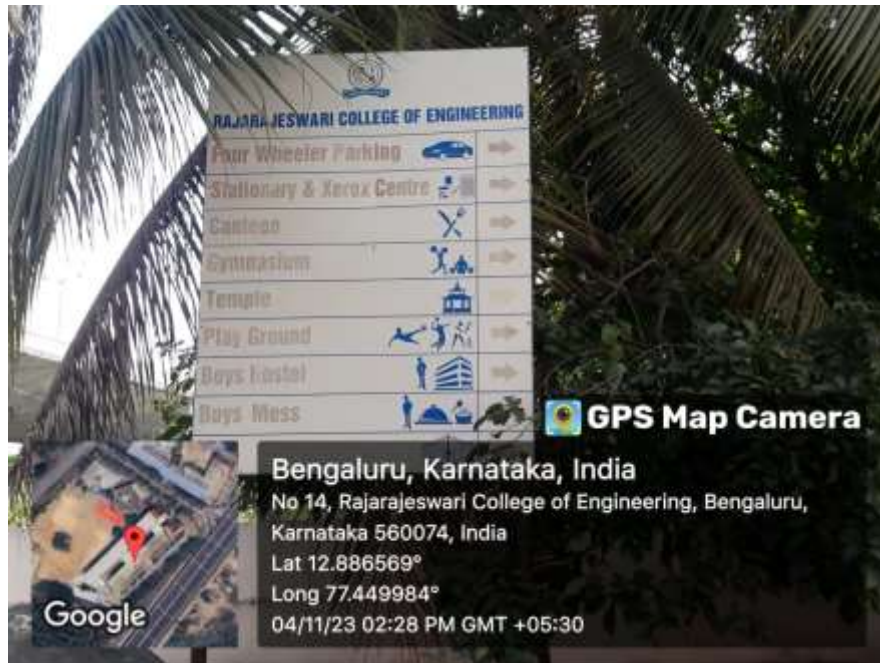
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### 3. Signage including tactile path, lights, display boards and signposts.

Rajarajeswari College of Engineering (RRCE) upholds a stringent commitment to safety by adhering to established safety laws and regulations. The institution recognizes the paramount importance of creating a secure environment for its students, faculty, and staff. In strict accordance with the prescribed guidelines, RRCE conscientiously places safety signs throughout its premises. These safety signs in photo.5 and photo.6 serve as crucial visual cues and communication tools, strategically positioned to convey important information and instructions in the event of emergencies. By meticulously following the defined guidelines, RRCE ensures that these signs are not only prominently displayed but are also easily comprehensible to all individuals on campus.



Photo.5: Signage boards displayed inside the campus



**Photo.6: Signage boards displayed inside the campus**

**4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen reading software, mechanized equipment.**

**a) Screen Reading (NVDA) Software:** The institution installed screen reading software (photo.7) which is free in open source. Software used is NVDA (Non Visual Desktop Access) portable screen reader software. The Software is installed in the computer labs and in library for the blind students who can able to access computers. NVDA allows blind and vision impaired people to access and interact with the Windows operating system and many third party applications. This software facility can be useful for any such vision impaired students to use inside the computer laboratory and to read books inside the library. Major Highlights in the software includes:

- Support for popular applications including web browsers such as Mozilla Firefox and Google Chrome, email clients, internet chart software.
- Built in speech synthesizer supporting over 50 languages support for many other 3<sup>rd</sup> party voice.
- Reporting of textual formatting such as font name and size, style and spelling errors.
- Automatic announcement of text under the mouse and audible indication of the mouse position.
- Easy to use talking installer.



**Photo.7: Screen reading software installed in college library**

**b) Mechanized equipment: Wheel Chair provision is provided.**

The institution offers wheelchair facilities within the campus, recognizing the pivotal role these assistive devices play in fostering personal mobility—a fundamental prerequisite for the enjoyment of human rights and dignified living. Wheelchairs serve as indispensable tools, enabling individuals with disabilities to actively contribute and integrate as productive members of their communities.

At RRCE, the campus is equipped with an ample supply of wheelchairs to cater to the needs of individuals with disabilities. To ensure seamless movement, a dedicated college community worker is always available to assist individuals with disabilities, providing personalized support to help them navigate between locations according to their specific needs.

Captured in Photo.8 is a glimpse of the wheelchair facilities available at the college campus, symbolizing the institution's commitment to ensuring accessibility and inclusivity for all its members, irrespective of their mobility challenges. This initiative goes beyond providing physical aids; it underscores RRCE's dedication to creating an environment that promotes independence, dignity, and equal opportunities for individuals with diverse abilities.



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**Photo.8: Wheel chair facility available at the college entry gate.**

### **5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading.**

The institution provides personalized assistance (Photo.9) to visitors and individuals with disabilities, ensuring smooth navigation to administrative offices and classrooms through the support of dedicated security personnel. Understanding the diverse needs of its students, the institution takes proactive measures to create an inclusive examination environment. For students who are unable to write examinations due to disabilities or accidental injuries, qualified scribes are arranged with prior approval from the University.



# Rajarajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

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To ensure transparency and accessibility, the institution issues circulars regarding the availability of readers and scribes for examinations. These circulars are prominently displayed in notice periods, serving as a proactive communication tool to inform students about the supportive measures in place. This commitment reflects the institution's dedication to creating an equitable educational experience for all its students, emphasizing accessibility and equal opportunities for academic success.

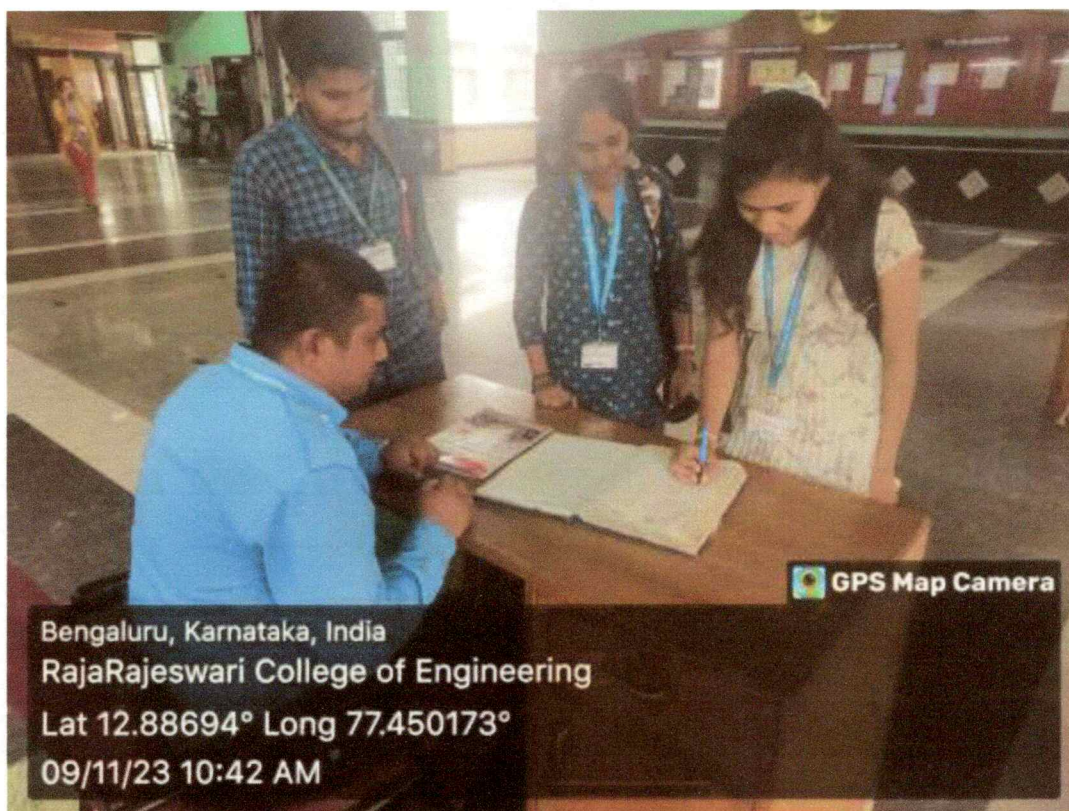


Photo. 9: Human assistance for both visitors and individuals at entrance

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