

POLICY DOCUMENT ON,
**DISABLED FRIENDLY
BARRIER FREE
ENVIRONMENT**



DR. C.V. RAMAN UNIVERSITY

Chhattisgarh, Bilaspur

Approved by : PCI | AICTE | NCTE | BCI | Member of : AIU | Recognized by : UGC | A NAAC Accredited University



Dr. C. V. Raman University

Kargi Road, Kota, Bilaspur (C.G.)

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ON
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1. INTRODUCTION

Barrier Free Environment is one which enables people with disabilities to move about safely and freely and to use the facilities within the built environment. The goal of barrier free design is to provide an environment that supports the independent functioning of individuals so that they can get to, and participate without assistance, in everyday activities.

Dr.C. V. Raman University considers it an honour to serve the differently abled members of the community. The University has formulated a specific policy to keep the campus disabled friendly. and to take every possible measure to provide a barrier free environment to the Divyangjan. Adoption and implementation of Guidelines and Space standards for Barrier Free Environment for Person/ Students with Disability and Elderly Persons in Dr. C.V. Raman University are given below:

- All the stakeholders of the university should consider the opportunity to serve the differently abled students as a privilege
- The class to which a differently abled student is admitted should be shifted to a room to which he/she can have the easiest and shortest access
- The students belonging to the Divyangjan need not approach the office for any administrative purpose.
- The administrative staff should meet the differently abled student in the classroom or at a spot most convenient for her to carry out her needs
- It is the duty of all the staff and students to offer help to differently abled students without waiting to be requested to
- No stakeholder should ever discriminate a student belonging to the Divyangjan
- A barrier free environment should be provided so that the differently abled students can move about without obstacles anywhere in the campus
- A table closer to the entrance of library is specially set apart for the differently abled students
- A subject-wise list of books should be provided to the differently abled students so that they don't have to search for the books they need in the racks:



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- The library staff should provide the students with the books the differently abled students request through e-mail.
- In the university canteen a table is set apart for the differently abled students
- The vehicle of a differently abled student can come into the campus to the nearest point where her classroom is situated
- Special parking area is provided for the vehicles of the differently abled students
- Audio lessons should be provided to the differently abled students
- Scribes should be allowed to the differently abled students on request
- At the time of admission, a Helpdesk should be set apart for the differently abled students seeking admission,
- A special window is provided in the college website for the differently abled students to submit their grievances and suggestions
- Ramps should be set up in appropriate places so the differently abled students should have an easy access to the classrooms, library, seminar halls and canteen
- Special toilets should be provided for the differently abled students.

2. OBJECTIVES

The primary objective of this policy is to frame guidelines for non-ambulant (chair bound), semi-ambulant (lower limb impairments), disabled persons. The construction and maintenance standard should be followed in all categories of buildings and facilities used by the Students and Public for making accessible to and functional for physically disabled persons. Other objectives are:

- i. To ensure equity and equal opportunity to the community at large in the University And bring about social inclusion.
- ii. To enhance the diversity among the students, teaching and nonteaching staff population and at the same time eliminate the perception of discrimination.
- iii. To create a socially congenial atmosphere for academic interaction and for the growth of healthy interpersonal relationships among the students coming from various social backgrounds.



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a. Space Allowance for Crutch Users

Although people who use walking with crutch can go through door openings of 900 mm clear width, they need wider passageways 920 mm for comfortable gait. Crutch tips, often extend down out at a wide angle, are a hazard in narrow passageways where they might not be seen by other pedestrians.

b. Space Allowance for Wheel Chair Users

Mobility devices Recommendation: Adequate space for persons using mobility devices. e.g. wheelchairs, crutches and walkers, as well as those walking with the assistance of other persons should be available. The range of reach (forward and side: with or without obstruction) of a person in a wheelchair should be taken into consideration. Attention should be given to dimensions of wheel chairs used locally. Standard size of wheel chair has been taken as 1050mm * 750mm (as per ISI).

c. Accessible facilities In Library

All open book stacks should be accessible.

All library facilities and equipment should be accessible. A special room provided for people with hearing and vision Impairment that need assistance while reading. Braille software/ machine is installed in the Central library

d. Sports Room, Rest Room and Changing Room

A room for indoor game and disabled-friendly washroom, changing room etc. facilities are available & accessible.

e. Parking

There shall be reserved parking for persons with disability within 30m of accessible entrances.

f. Corridor

- a) Guiding floor materials shall be provided or devices that emit sound to guide visually impaired persons.
- b) The minimum width shall be 1500 mm.
- c) In case there is a difference of level slope ways shall be provided with a slope of 1:12.
- d) Hand rails shall be provided for ramps/ slope ways.



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g. Ramp

When climbing a ramp in a wheelchair, the upper limbs must bear the burden of propelling the body up the ramp. When descending a ramp in a wheelchair, especially on steep ramps, there is a possibility of the wheelchair running out of control because the user must manually control the speed. The grade of a ramp at CVRU is a moderate rise of 10 mm to each 120 mm of travel. Minimum width of ramp shall be 1800 mm with maximum gradient 1:12, length of ramp shall not exceed 9.0 M having double handrail at a height of 800 and 900 mm on both sides extending 300 mm beyond top and bottom of the ramp. Minimum gap from the adjacent wall to the hand rail shall be 50 mm. Ramp facilities are available in the University in all buildings.

h. Toilet floor shall have a non-slip surface

Without any level difference. The toilet block near the entry should have a textural difference, e.g. Diamond Tiles, (Undressed Granite) Light-weight PVC door shutter provided as a sliding door Provision of vertical & horizontal rail.

i. Lift

Lifts can be essential for providing vertical circulation, particularly in Academic Block of Multi storage Building, for wheelchair and other non-ambulant users. The University is having the facility of elevator & lift (or elevator) used for transportation between buildings, floors, levels or decks.

j. DACC

The University Formed an Internal Committee to look after to the day-to-day activities & taking care of the need of differently-abled persons.

k. EOC

An Equal Opportunity Cell is also formed in CVRU and functioning properly.

***A letter by Dr. C.V. Raman University has been sent to University Grants Commission regarding implementation of the policy via Letter/ D.O No. F .61/2018 (SCT) on 04.12.2019.**