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**KHAMMAM INSTITUTE OF TECHNOLOGY & SCIENCES**

*(Affiliated to JNTUH & Approved by AICTE, New Delhi)*

Ponnekal (Village), Khammam (Rural), Khammam (Dist) -507170

Phone: 08742 – 285399, 9908567792

## **CRITERIA 7.1.7**

**The Institution has disabled-friendly, barrier free environment**

# **INFORMATION BROCHURE ON DISABLED-FRIENDLY, BARRIER FREE ENVIRONMENT**

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## 1. Preamble

India has around 80 million people with disability, which may be age related, accident related or due to some medical conditions. According to the World Bank, one in every 12 households in India has a person living with disability. The Indian policy-makers are aware of the issue and Rights of Persons with Disabilities Act, 2016, tried to address some of the concerns faced by differently-abled persons in India. The Act specifically refers to ease of access to public or private buildings, workplaces, commercial activities, public utilities, religious, cultural, leisure or recreational activities, medical or health services, law enforcement agencies, transport infrastructure, among others. In 2015, the Prime Minister rolled out the “Accessible India” (Sugamya Bharat Abhiyan) campaign, with a motive to make it convenient for persons with disabilities to access administrative buildings and transport, among other things. The campaign has been launched in seven States including Delhi and Telangana. The government is also committed towards socio-economic transformation (Swavlamban), of the persons with disability by year 2020 and in this context, India can learn from the global best practices and some of the initiatives taken within the country.

At the Workplaces and Educational Institutions, Disabled people found it difficult to access the facilities. Some of the common problems faced by the disabled persons and students are to access the class room, laboratories, washrooms, upper floors of building, library, play grounds, hostel mess and cafeterias etc. Therefore at the institute level to build a disabled friendly environment, the following facilities can be helpful:

- Built environment with ramps/lifts for easy access to classrooms, laboratories, library etc.
- Disabled-friendly washrooms
- Signage including tactile path, lights, display boards and signposts



- Assistive technology and facilities for persons with disabilities (*Divyangjan*) accessible website, screen-reading software, mechanized equipment
- Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

However, there is need for more work to see if such facilities can help to build such facilities which are disabled-friendly. Buildings can be with an emergency button, which can help community workers (for example, guards) to respond fast to the needs of the disabled person.

## 2. Differently Abled (*Divyangjan*) Friendliness, Barrier Free facilities in the campus

Khammam Institute Of Technology And Sciences (Kits) aims to provide an inclusive education framework for all and so strives to create a barrier free and differently abled (*divyangjan*) friendly environment in our campus. Lifts, ramps, special toilets/bathrooms as well as specific facilities are provided all over the campus wherever required. A special reading hall for differently-able students, Braille books and assistive software (screen reading) and other equipment are available in the Knowledge Resource Centre. Scribes and additional time are provided at the time of examination as per norms. *Divyangjan*-friendly wheelchairs, vehicles and equipment are provided to employees/students as per their requirement.

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### 3. Types of facilities

Ramps and wheel facility

Disabled friendly washrooms

Signage

Assistive Technology (Microsoft Narrator)

Provision for Scribe

Physical facility (wheelchair)

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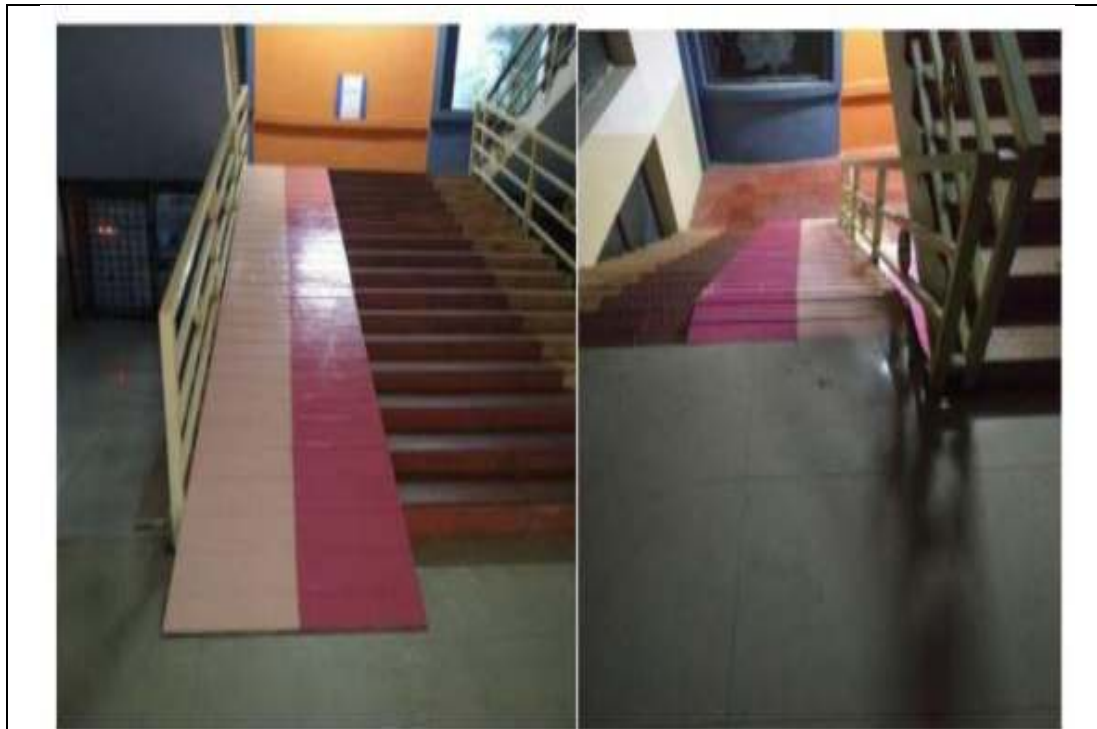
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### 3.1 Ramps facility

The Ramps are built through the campus where uneven floor levels or kerbs are present to provide convenience and prevent tripping accidents. Ramps are helpful to push a pallet truck, trolley, or wheel chair over a kerb or step by negotiating just a few inches of height difference. Utility ramps solve the problem and make wheeled movement between uneven levels very easy. The following ramps were built in college campuses for continence and safety of disabled persons (Divyangjan) shown in figure 1, 2, and 3.

The college authorities are sensitive towards the differently abled students. Therefore, we at college campus provide lift facility and help these students in minimizing their difficulties and making them comfortable in the campus. The lift facility for divyangans has been shown in the figure 4 and 5.



**Fig. 1 Ramp at the entry of AK Block**

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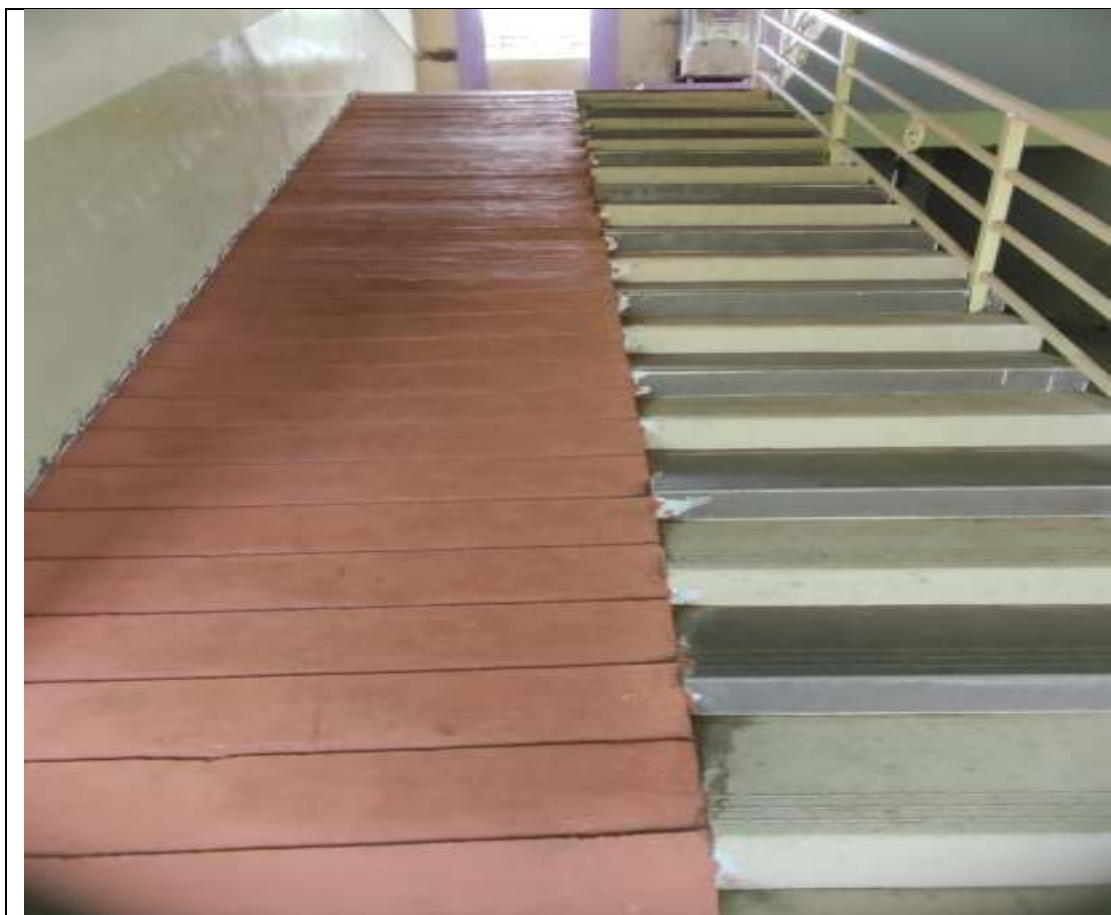


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**Fig. 2 Ramp at the entry of MV Block**



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### 3.2 Disabled friendly washrooms:

Separate disabled friendly washrooms are available in the campus with scheduled maintenance, cleanliness and hygiene. Figure 3 shows the disabled friendly washroom.

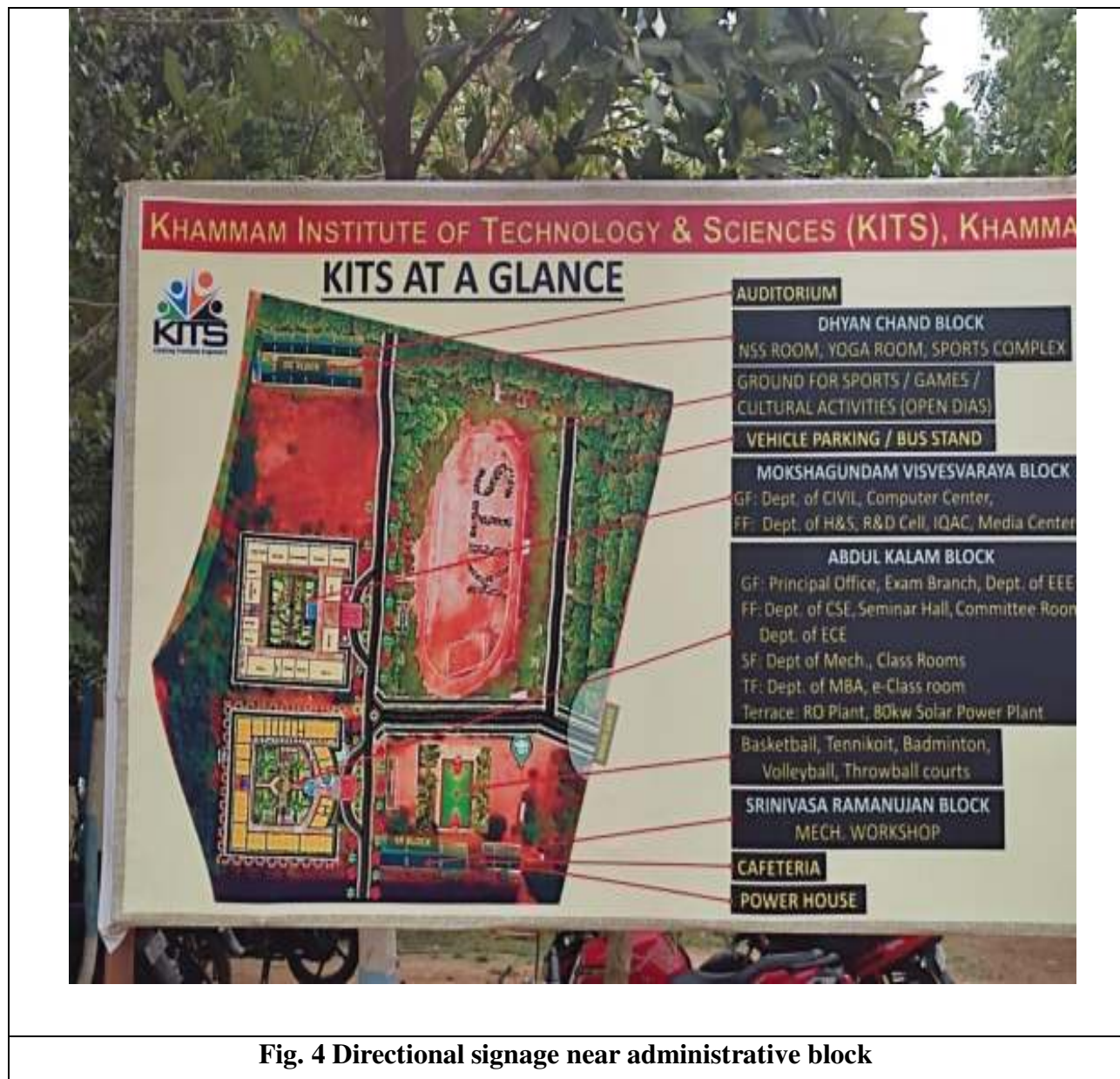


**Fig. 3 Disabled friendly washroom**



### 3.3 Signage:

Educational institutions need to comply with the safety laws and rules and it is essential for them to place the safety signs as per the defined guidelines. These signs ensure the safety of the students in case of any emergencies. Directional signage, safety signage, branding and vision-mission signage are need to be installed throughout the campus. The figure 4 shows the signage systems were installed in the campus:



**Fig. 4 Directional signage near administrative block**

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Fig. 5 Directional signage near administrative block

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**Fig. 6 Safety signage throughout campus**

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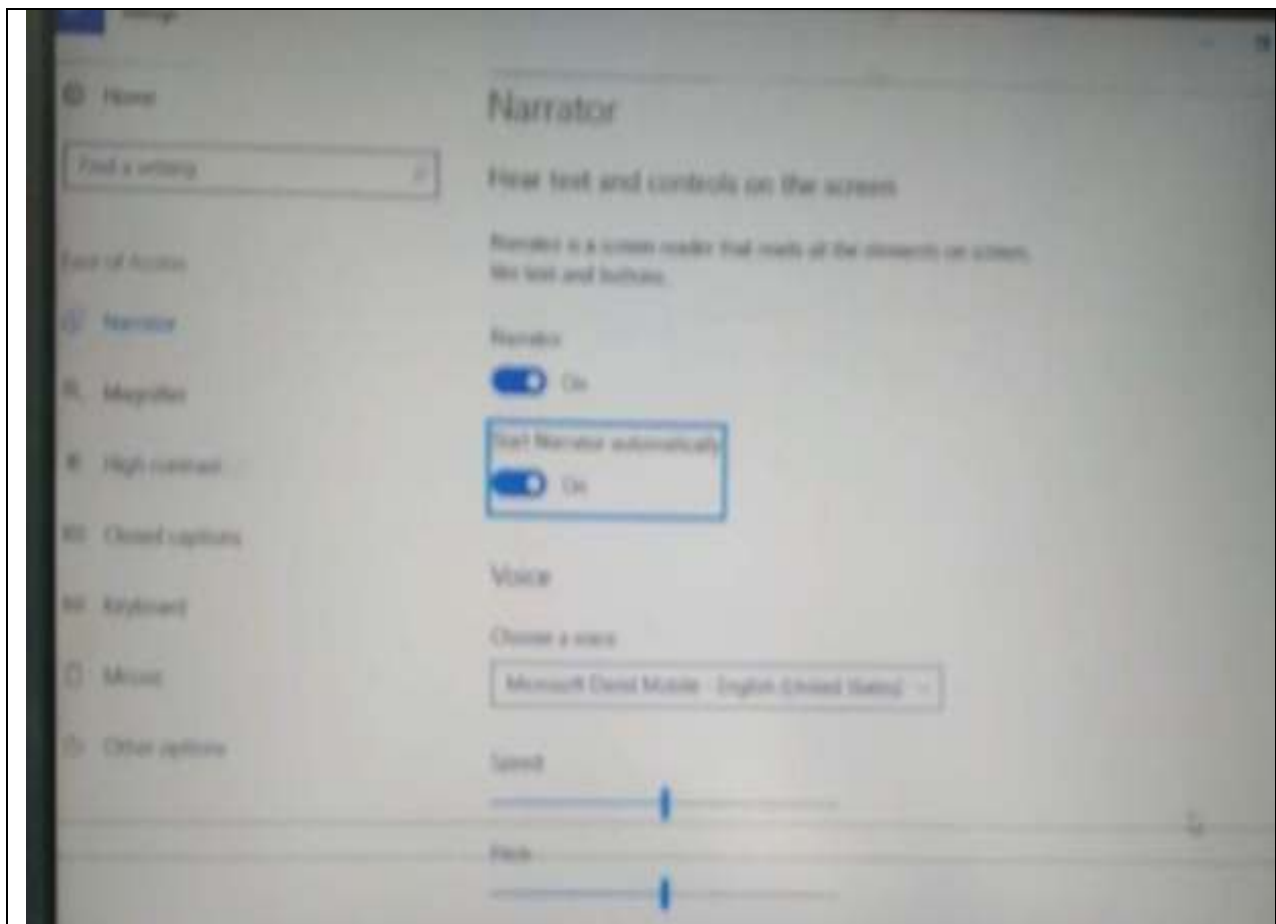
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**Fig. 7 Safety signage throughout campus**

### 3.4 Assistive technology (Microsoft narrator)

Assistive technology (AT) is assistive, adaptive, and rehabilitative tools for people with disabilities. Such technology enhances the functioning and performance of disabled persons. People who have disabilities often have difficulty in teaching and learning process. Therefore, computer assistive software tool such as Microsoft narrator is available in the computer lab for persons with disabilities along with one lab attendant who is available to assist the disabled persons. The Microsoft narrator facility available in computer lab has been shown in the figure 11, 12, 13 and 14.



**Fig. 8 Microsoft Narrator tool facility at Computer Lab**

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**Fig. 9 Microsoft Narrator tool facility at Computer Lab**

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**Fig. 10 Microsoft Narrator tool facility at Computer Lab**



### 3.5 Provision for Scribe

There are some students who have difficulty in taking the examination themselves and need scribes to assist. The college allows the students to take the help of scribes in the examination after due permission from UTU examination controller. The relevant documents related to permission for scribes for the disabled students (Divyangjan) are given below.

#### Relevant Documents for Scribe

1. Declaration letter by College
2. Policy and Academic Policy Bureau circular by AICTE for the Rights of Person with Disabilities (Divyangjan)
3. Guide lines for the written examinations for the persons with disabilities by ministry of social justice and empowerment.



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1. Policy and Academic Policy Bureau circular by AICTE for the Rights of Person with Disabilities (Divyangjan)



Phone : 011-26131576 - 76, 80  
Website : www.aicte-india.org



सत्यमेव जयते

अखिल भारतीय तकनीकी शिक्षा परिषद्  
(एनएचएसआर का एक संवैधानिक विभाग)  
एनएचएसआर भवन, एनएचएसआर, एनएचएसआर  
नेशनल मंडेला मार्ग, वासन्त कुर्ग, नई दिल्ली-110070

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(A Statutory Body of the Govt. of India)  
Ministry of Human Resource Development, Govt. of India  
Nelson Mandela Marg, Vasant Kurg, New Delhi-110070

F.No. AICTE/P&AP/Misc./2017

Date: 03.01.2018

**POLICY & ACADEMIC PLANNING BUREAU  
CIRCULAR**


To,

**All Directors/Principals of AICTE approved institutions.**



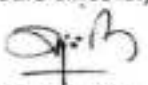
**Sub:- Rights of Persons with Disabilities (PwD).**

We would like to inform you that Indian Parliament on 14.12.2016 has passed Rights of Persons with Disabilities (PwD) Act, 2016 specifying various provision for rights of persons with disabilities. The copy of the above act is available on the website of the Govt. of India ([www.disabilityaffairs.gov.in/upload/uploadfiles/files/RPWD%20Act%202016.pdf](http://www.disabilityaffairs.gov.in/upload/uploadfiles/files/RPWD%20Act%202016.pdf)).

You are therefore requested to **formulate policies for the persons with disabilities in your organization** accordingly and comply with the provision of the above act.

  
(Prof. Rajive Kumar)  
Advisor-I  
Policy and Academic Planning Bureau

2. Guide lines for the written examinations for the persons with disabilities by ministry of social justice and empowerment.

 प्रो. राजनीश जैन सचिव Prof. Rajnish Jain Secretary	 सत्यमेव जयते	<p>विश्वविद्यालय अनुदान आयोग <b>University Grants Commission</b> विश्वविद्यालय अनुदान आयोग, भारत सरकार (Ministry of Human Resource Development, Govt. of India) बहादुर शाह जहाँ मार्ग, नई दिल्ली-110002 Bahadur Shah Zafar Marg, New Delhi-110002 Ph : 011-23236288/23239337 Fax : 011-2323 8858 E-mail : uncpugc@nic.in</p>
F.No.6-2/2013(SCT)		January, 2019
The Registrar, All Universities/Deemed to be Universities		14 JAN 2019
Sub: - Guidelines for conducting written examination for Persons with Benchmark Disabilities.		
Sir/Madam,		
<p>The undersigned is directed to forward herewith a copy of the O.M. No.3402/2015-DD-III dated 29.8.2018 of Ministry of Social Justice &amp; Empowerment, Department of Empowerment of Persons with Disabilities, New Delhi received through Ministry of HRD, New Delhi regarding "Guidelines for conducting written examination for Persons with Benchmark Disabilities". The Central Government (D/oEPwD) has laid down the Guidelines for conducting written examination for persons with Benchmark Disabilities, 2018 in supersession of the earlier Guidelines issued vide OM No.F.16-110/2003-DD.III dated 26.02.2013.</p>		
<p>You are requested to take immediate action as per the above guidelines. These guidelines may also be circulated to the constituent and affiliated colleges for strict compliance.</p>		
<p>Yours sincerely,  (Rajnish Jain)</p>		
<p><u>Encl: As above.</u></p>		

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### Physical facility (wheelchair):

There is an availability of sufficient wheelchairs for the disabled person and one community worker is also available for the movement of disabled person from one place to another as per their requirement. The physical facility has been shown in the figure 11.



  
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**Fig. 11 Wheelchair for Divyangjan**