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### **CRITERION-7**

## Key Indicator - 7.1 Institutional Values and Social Responsibilities

Metric No- 7.1.7

**Environmental Consciousness and Sustainability** 

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



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#### INTITUTIONAL DISABLED FREE

#### AND BARRIER FREE









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#### Criterion VII - Institutional Values and Best Practices

#### Key Indicator- 7.1. Institutional Values and Social Responsibilities

Metric No-7.1.7 The institution has disabled-friendly, barrier free environment

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4	Assistive technology and facilities for persons with disabilities (divyangjan), accessible website, screen-reading software, mechanized equipment	11
5	Provision for enquiry and information: human assistance, reader, scribe, softcopies of reading materials, screen reading	16

#### Options:

A. 4 or all of the above

B. 3 of the above

C. 2 of the above

D. 1 of the above

E. None of the above

Response: A. 4 of the above



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#### Metric No-7.1.7 The institution has disabled-friendly, barrier free

#### environment

#### 1. Built environment with ramps/ Lifts for the easy access to class rooms



#### RAMPS BEFORE LIBRARY



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#### RAMPS AT IT BLOCK OF PSNCET



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LIFT FACILITY AVAILABLE LIBRARY BLOCK



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LIFT FACILITY AVAILABLE LIBRARY BLOCK





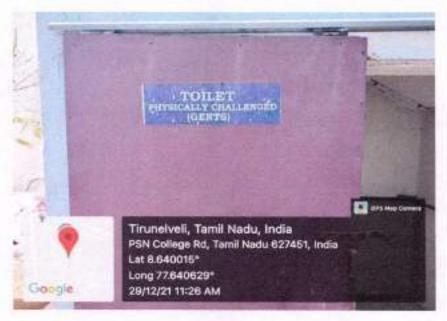
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#### 2. Disabled friendly washrooms







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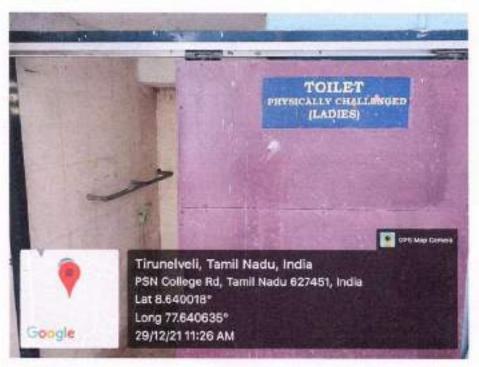
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# SIGNAGE INCLUDING TACTILE PATH, LIGHTS, DISPLAY BOARDS AND SIGNPOSTS







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



#### TACTILE PATH IN THE SIDEWALK NEAR TO MARINE HOSTEL



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#### SIGNAGE BOARD OPPOSITE TO MAIN BLOCK





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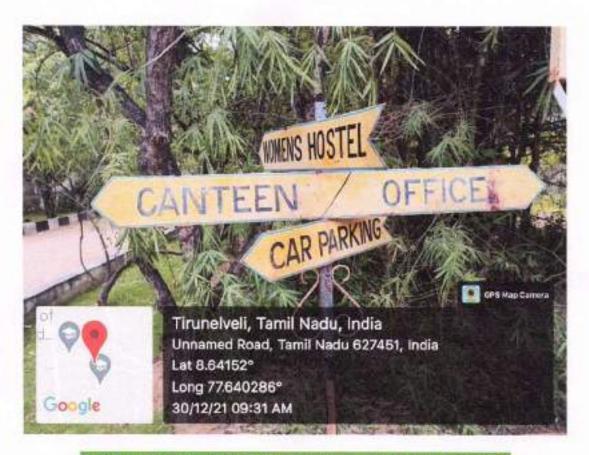
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#### SIGNAGE BOARD IN THE ENTRANCE OF PSNCET





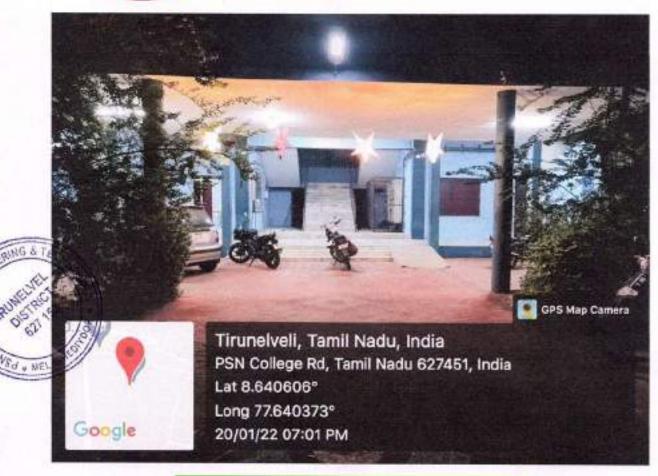
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#### LIGHTS BEFORE THE MAIN BUILDING



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#### LIGHTS BEFORE IN THE MAIN BUILDING CORRIDOR



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#### LIGHTS IN THE ENTERENCE OF PSNCET



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#### LIGHTS NEAR TO LIBRARY



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#### LIGHTS IN THE CLASSROOMS



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#### LIGHTS IN THE LABORATORIES



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## ASSISTIVE TECHNOLOGY AND FACILITIES FOR PERSONS WITH DISABILITIES

(DIVYANGJAN) ACCESSIBLE WEBSITE, SCREEN-READING SOFTWARE, MECHANIZED

**EQUIPMENT** 





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#### Institutional Policy on Divyangjan Document

#### Objective:

PSN College of Engineering and Technology (PSNCET) has established the policy document to ensure the disabled friendly barrier free environment in the college campus. The policy is framed as per the Prime Minister's Divyangjan scheme for disabilities.

#### Polices and Measures:

- PSNCET provides disabled friendly infrastructure for the staffs and students, by providing ramp, disabled friendly wash rooms.
- Our institution provides mechanized disabled equipment's like wheel chair, walking stick, and guiding stick for disables.
- Signage boards are provided in the required places to make barrier free access for the disabled staffs and students.
- Our college provides Braille blaster and Non-Visual Desktop Access (NVDA) open software in helping the blind disabled persons to reference of books in the library.
- PSNCET provides also provides, scribe to assist the disabled persons for writing their university examinations.
- Helpline numbers are provided for the disabled to reach out the campus

TIRUNELVEL DISTRICT 627 152

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#### Infrastructural Facilities for Disabilities in the Campus:

- · The institution provide Ramps, lifts, and tactile paths for the disabilities.
- Wheel chair facility available in the campus for the disabilities.
- Battery Vehicle available inside the campus for the disabilities.
- Disabled friendly restroom is available separately for Gents and Ladies in the campus.

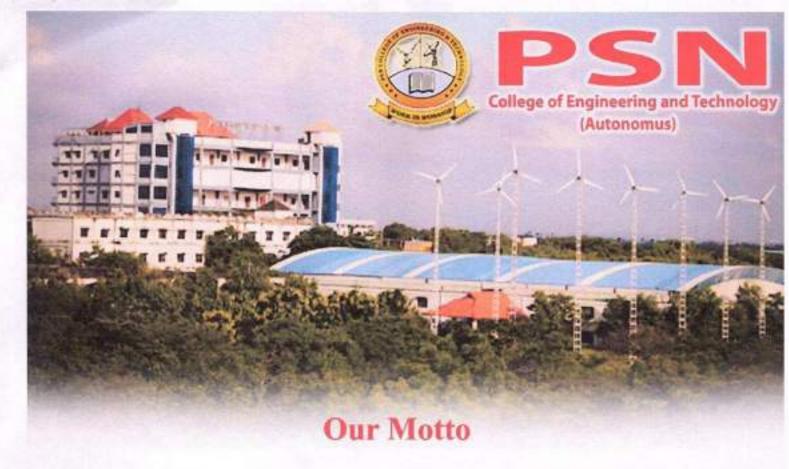


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PSN College of Engineering and Technology promotes an integrated assessable environment for students with disabilities and our goal is to maintain sustainable development for the disabilities without having any disturbance inside the campus premises.

Cilities Inside the Campus for Disabilities

Ramps lifts, and tactile paths for the disabilities.

- · Wheel chair facility available in the campus for the disabilities.
- Battery Vehicle available inside the campus for the disabilities.
- Disabled friendly restroom is available separately for Gents and Ladies in the campus.
- Braille Software Available in the Campus
- · Human Assistance and Scribe
- · Signage board and tactile paths



TIRUNELVEL







For male candidates
Mr. P. Bala Sankar
97917-29344

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An ISO 9001: 2015 Certified Institution Website:www.psncet.ac.in

Phone: 04634 279009, 04634 279680.

E-Mail: principal@psncet.ac.in

21.01.2021

To.

The Principal

PSN College of Engineering and Technology

Melathediyoor

Tirunelveli.

Subject Utilization of open source screen reading/hearing software for visually challenged students- Reg

The following software's are open source for the visually challenged students on the internet, these software's are installed in our Library for visually challenged students typing and hearing of the contents.

- 1. Braille Blaster
- Non-Visual Desktop Access (NVDA)

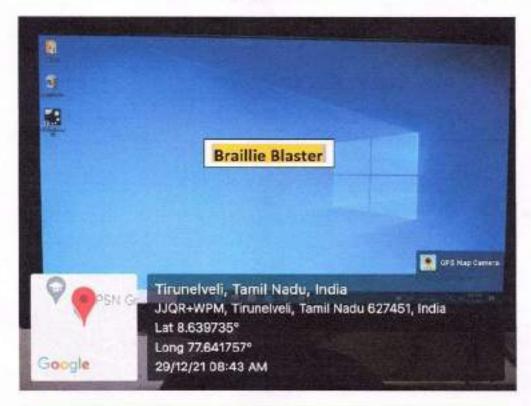
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## 4.Assistive technology and facilities for persons with disabilities (divyangjan), accessible website, screen-reading software, mechanized equipment



#### INSTALLATION OF BRALLIE BLASTER FOR VISUALLY

#### CHALLENGED STUDENTS



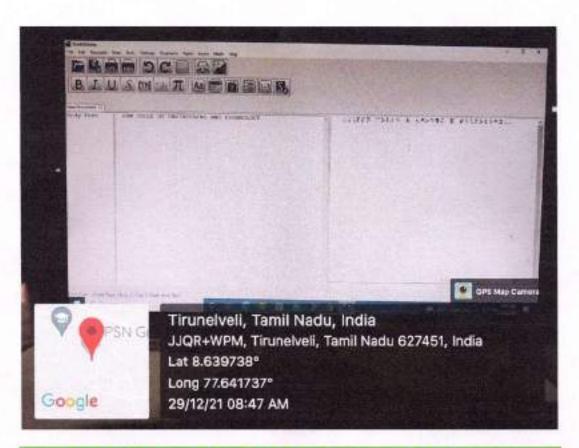


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#### INSTALLATION OF BRAILLE BLASTER IN OUR LIBRARY FOR

#### THE ASSISTANCE OF VISUALLY CHALLENGED STUDENTS



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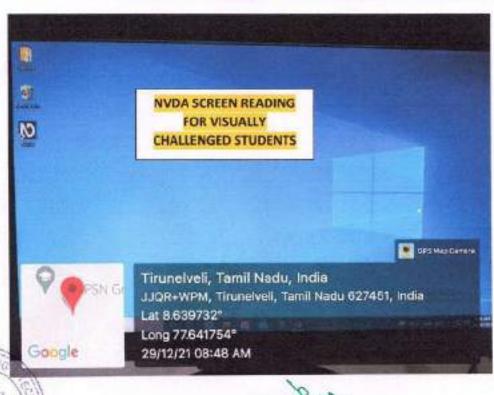
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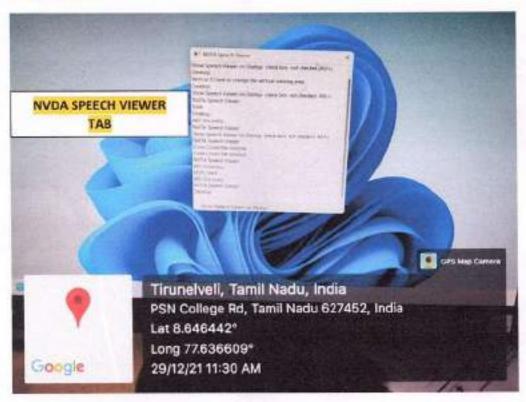
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#### INSTALLATION OF NVDA IN OUR LIBRARY FOR THE

#### ASSISTANCE OF VISUALLY CHALLENGED STUDENTS



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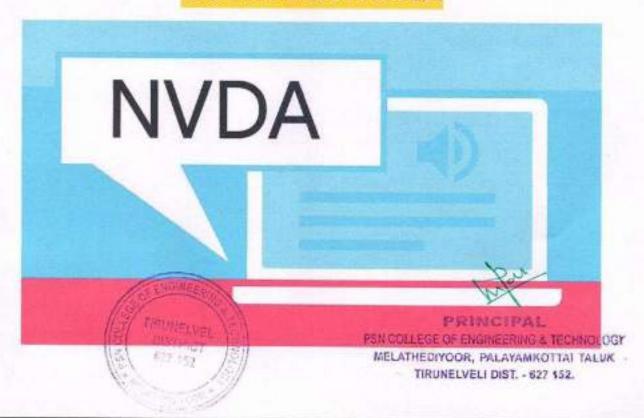
## NV Access

Empowering lives through non-visual access to technology

## NON-VISUAL DESKTOP ACCESS (NVDA)

SCREEN READING

**USER MANUAL** 



## 12/28/21, 4:52 PM

# NVDA 2021.3.1 User Guide

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- 1.1. General Features
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#### A STAFF APPOINTED TO TAKE OF VISUALLY CHALLENGED

#### STUDENTS ASSISTANCE IN THE LIBRARY

(Mr. M. Vadivel Pandian)



of in

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WHEEL CHAIR FECILITY FOR DISABILITIES OR, PALAYAMKOTTAL TALLING.



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#### 5. Provision for enquiry and information: human assistance, reader, scribe, softcopies of reading materials, screen reading UGC Guidelines for Appointment of Scribe





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F.No.6 3/2013(SCT)

the Registry:

All Universities/Deerset to be Universities

incuary 2019

THE PARTY NAMED IN

Sub + Curculates for conducting written examination for Persons with Benchmark Disabilities

SeMedon.

The undersigned is directed to forward herewith a copy of the O.M. No.2462/2015-DD-In subset 29.8.2018 of Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Dissertities. New Delhi incoved through Ministry of HRD. New Delhi regarding "Guidelines for conducting written examination for Persons with Bondwhark conducting written examination for Persons with Bondynamic bibles. The Control Government (DioEPwO) has less down the Countries. The Control Government (DioEPwO) has less down the Guidelines for conducting written examination for persons, with Hendermark Classifies, 2018 in aspersession of the earlier Guidelines issued ride OM No.F 16-110/2000-00 ill dated 26-02-2013

You are requested to take immediate action as per the above guidelines. These guidelines may also be circulated to the constituent and attituted onleges for strict compilance.

Yealth sinoneity

Rairish Jan

Encl. As above,





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V. The candidate should have the discretion of opting for his own scribe/reader/lab assistant or request the Examination Body for the same. The examining body may also identify the scribe/reader/lab assistant to make panels at the District/Division/ State level as per the requirements of the examination. In such instances the candidates should be allowed to meet the scribe two days before the examination so that the candidates get a chance to check and verify whether the scribe is suitable or not.

VI. In case the examining body provides the scribe/reader/lab assistant, it shall be ensured that qualification of the scribe should not be more than the minimum qualification criteria of the examination. However, the qualification of the scribe/reader should always be instriculate or above.

In case the candidate is allowed to bring his own scribe, the qualification of the scribe should be one step below the qualification of the candidate taking examination. The persons with benchmark disabilities opting for own scribe/reader should submit details of the own scribe as per proforms of APPENDIX-II

VII. There should also be discribility in accommodating any change in scribe/reader/lab assistant in case of emergency. The candidates should also be allowed to take more than one scribe/reader for writing different papers especially for languages. However, there can be only one scribe per subject.

VIII. Persons with benchmark disabilities should be given, as far as possible, the option of choosing the mode for taking the examinations i.e. in Braille or in the computer or in large print or even by recording the answers as the examining bodies

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IX. In case, the persons with benchmark disabilities are allowed to take examination on computer system, they should be allowed to check the computer system one day in advance so that the problems, if any in the software'system could be rectified. Use of own computer/aptop should not be allowed for taking examination. However, enabling accessories for the computer based examinations such as keyboard, customized mouse etc should be allowed.

X. The procedure of availing the facility of scribe should be simplified and the necessary details should be recorded at the time of filling up of the forms. Thereafter, the examining body should ensure availability of question papers in the format opted by the cardidate as well as suitable seating arrangement for giving examination.

XI. The disability certificate issued by the competent medical authority at any place should be accepted across the country.

XII. The word "extra time or additional time" that is being currently used should be changed to "compensatory time" and the same should not be less than 20 minutes per hour of examination for persons who are allowed use of acribe/reader/lab assistant. All the candidates with benchmark disability not availing the facility of scribe may be allowed additional time of minimum of one hour for examination of 3 hours duration. In case the duration of the examination is less than an hour, then the duration of additional time should be allowed on pro-rate basis. Additional time should not be less than 5 minutes and should be in the multiple of 5.

XIII. The candidates should be allowed to use assistive devices like talking calculator (in cases where calculators are allowed for giving exams), tailor frame. Braille slate, shaces, geometry kit, Braille measuring tape and augmentative communication devices like communication chart and electronic devices.





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- 2. It is requested to ensure that the above guidelines are scrupulously followed while conducting examination for persons with benchmark disabilities. All the recruitment agencies, Academics/Examination Bodies etc. under the administrative control of each Ministry/Deapartment may be advised appropriately to ensure compliance of implementing these guidelines. Action taken in this regard may be intimated to this office.
- The above guidelines are issued with the approval of Hon'ble Minister (Social Justice & Empowerment).

Yours faithfully,

D.K. Pannda

Under Secretary to the Government of India Tele, No. 24369059

for



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#### Letter of Undertaking for Using Own Scribe

	# candidae	e withiname
of the disability; app	caring for the	(name of the
examination) heari	ng Roll No.	
	(mame of the ce	sotre) (n the District
	-	(name of the State). My
qualification is		
I do hereby state t	that	(name of the scribe) will
provide the service of so	cribe/reader/lab assistant	for the undersigned for
taking the aforesaid exam		
I do hereby upderb	ake that his qualification is	·
case, subsequently it is fo	and that his qualification :	a not as declared by the
undersigned and is beyon	ed my qualification, I shall	I forfest my right to the
post and claims relating th	serets.	
	(Signature of the ca	indidate with Disability)
Piace:	SEE PROPERTY.	
Date	Share I Share Softs	

TIRUNELVEL DISTRICT S27 152

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FOR COLLEGE OF ENGINEERING & TECHNOLOGY

MELATHEDINGOR, PALAXAMMOTTAL TALUK

TIRUNGLIVELI DIST. - 627 152.



For Assistance Please Contact

Mr. P. Balasankar- 9791729344

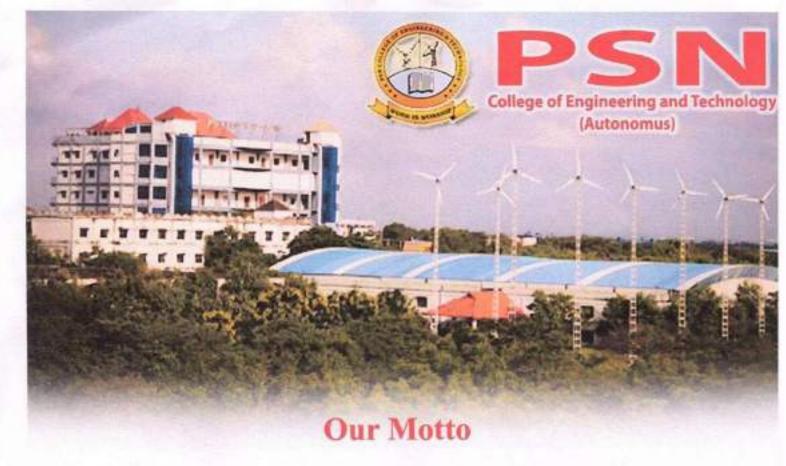
Ms. K. Sundari- 8825530515





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PSN COLLEGE OF ENGINEERING & TECHNOLOGY MELATHEDIYOOR, PALAYAMKOTTAI TALUK TIRUNELVELI DIST. - 527 152.



PSN College of Engineering and Technology promotes an integrated assessable environment for students with disabilities and our goal is to maintain sustainable development for the disabilities without having any disturbance inside the campus premises.

Escilities Inside the Campus for Disabilities

Ramps lifts, and tactile paths for the disabilities.

- Wheel chair facility available in the campus for the disabilities.
- Battery Vehicle available inside the campus for the disabilities.
- Disabled friendly restroom is available separately for Gents and Ladies in the campus.
- Braille Software Available in the Campus
- · Human Assistance and Scribe
- Signage board and tactile paths



TIRUNELVEL







For male candidates

VIr. P. Bala Sankar 7917-29344 PSN COLLEGE OF ENGINEERING A FCHINOLOGY
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### **CRITERION-7**

# Key Indicator - 7.1 Institutional Values and Social Responsibilities

Metric No- 7.1.7

**Environmental Consciousness and Sustainability** 

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



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# ASSISTIVE TECHNOLOGY AND FACILITIES FOR PERSONS WITH DISABILITIES (DIVYANGJAN) ACCESSIBLE WEBSITE, SCREEN-READING SOFTWARE, MECHANIZED EQUIPMENT



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S. No	Description	Page No
1	Policy Document	3
2	Information Brochure	4
3	Braille blaster	5
4	NVDA	7



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#### Institutional Policy on Divyangjan Document

#### Objective:

PSN College of Engineering and Technology (PSNCET) has established the policy document to ensure the disabled friendly barrier free environment in the college campus. The policy is framed as per the Prime Minister's Divyangjan scheme for disabilities.

#### Polices and Measures:

- PSNCET provides disabled friendly infrastructure for the staffs and students, by providing ramp, disabled friendly wash rooms.
- Our institution provides mechanized disabled equipment's like wheel chair, walking stick, and guiding stick for disables.
- Signage boards are provided in the required places to make barrier free access for the disabled staffs and students.
- Our college provides Braille blaster and Non-Visual Desktop Access (NVDA) open software in helping the blind disabled persons to reference of books in the library.
- PSNCET provides also provides, scribe to assist the disabled persons for writing their university examinations.
- Helpline numbers are provided for the disabled to reach out the campus

TIRUNELVEL DISTRICT 627 152

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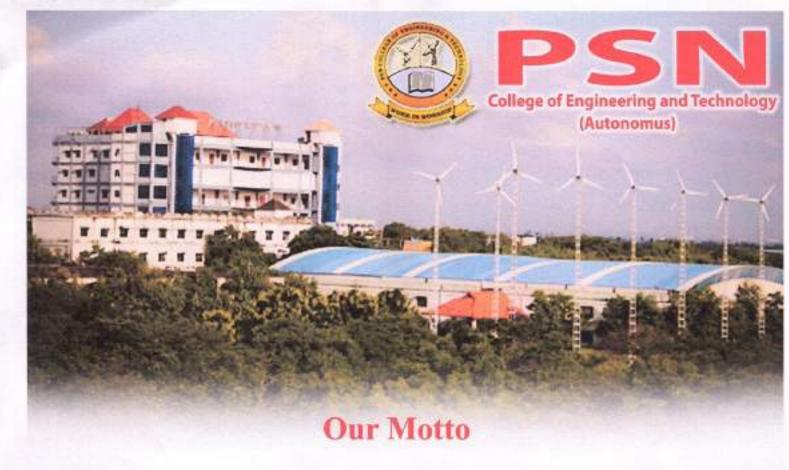
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#### Infrastructural Facilities for Disabilities in the Campus:

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For male candidates
Mr. P. Bala Sankar
97917-29344

PSN COLLEGE OF ENGINEERING A FECHNOLOGY
MELATHEDIYOOR, PALAYAMKOTTAN FALUR UND THE THEORY OF THE PARTY OF THE

#### PSN College of Engineering and Technology (Autonomous)



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An ISO 9001: 2015 Certified Institution

Website:www.psncet.ac.in Phone: 04634 279009, 04634 279680.

E-Mail: principal@psncet.ac.in

21.01.2021

To.

The Principal

PSN College of Engineering and Technology

Melathediyoor

Tirunelveli.

Subject: Utilization of open source screen reading/hearing software for visually challenged students- Reg

The following software's are open source for the visually challenged students on the internet, these software's are installed in our Library for visually challenged students typing and hearing of the contents.

- 1. Braille Blaster
- Non-Visual Desktop Access (NVDA)

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PRINCIPAL PSN COLLEGE OF ENGINEERING & TECHNOLOGY MELATHEDIYOOR, PALAYAMKOTTAI TALUK TIRUNELVELI DIST. - 627 152.



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



#### INSTALLATION OF BRALLIE BLASTER FOR VISUALLY

#### CHALLENGED STUDENTS



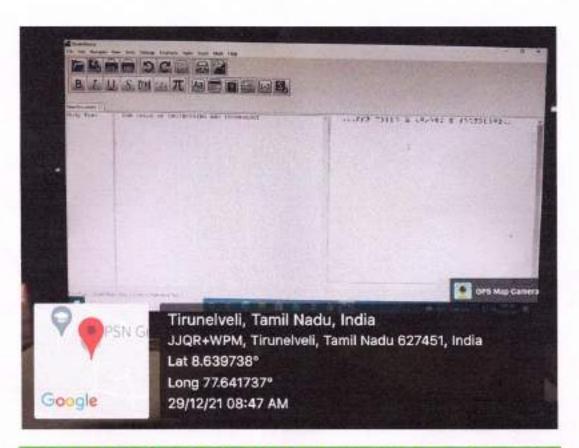


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#### INSTALLATION OF BRAILLE BLASTER IN OUR LIBRARY FOR

#### THE ASSISTANCE OF VISUALLY CHALLENGED STUDENTS





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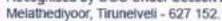
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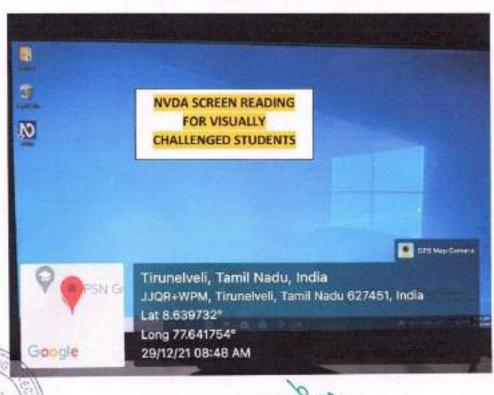
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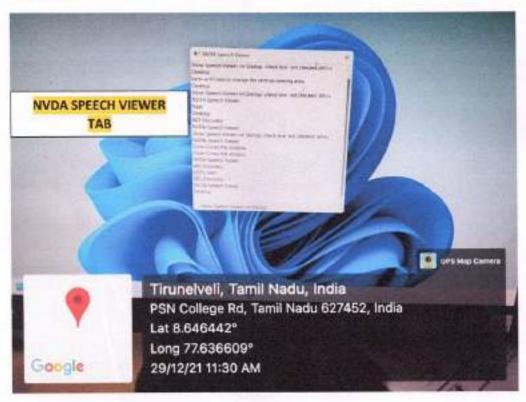
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#### INSTALLATION OF NVDA IN OUR LIBRARY FOR THE

#### ASSISTANCE OF VISUALLY CHALLENGED STUDENTS



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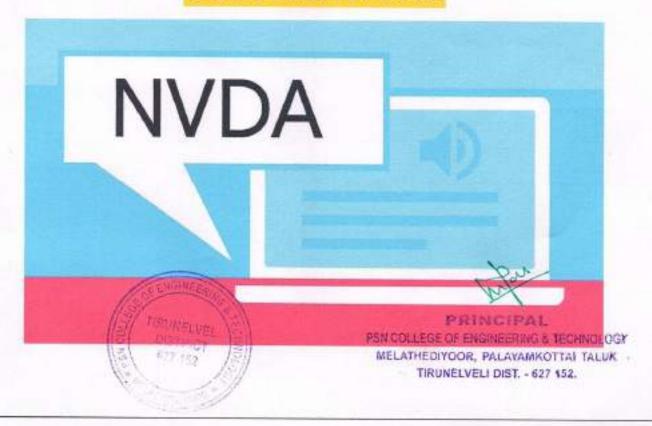
# NV Access

Empowering lives through non-visual access to technology

# NON-VISUAL DESKTOP ACCESS (NVDA)

SCREEN READING

**USER MANUAL** 



12/28/21, 4:52 PM

# NVDA 2021.3.1 User Guide

# Table of Contents

- 1. Introduction
- 1.1. General Features
- 1.2. Internationalization
- 1.3. Speech Synthesizer Support
- o 1.4. Braille support
- 1.5. License and Copyright
- 2. System Requirements
- 3. Getting and Setting Up NVDA
- 3.1. Portable and Temporary Copy Restrictions
- 3.2. Installing NVDA
- 3.2.1. Incompatible add-ons warning
- 3.2.2. Use NVDA during sign-in
- 3.2.3. Create Desktop Shortcut (ctrl+alt+n)
- 3.2.4. Copy Portable Configuration to Current User Account
  - 3.3. Creating a Portable Copy.
- 4. Getting started with NVDA
- o 4.1. Launching NVDA
- 4.1.1. Welcome Dialog
- 4.1.2. Data usage statistics dialog
- 4.2. About NVDA keyboard commands





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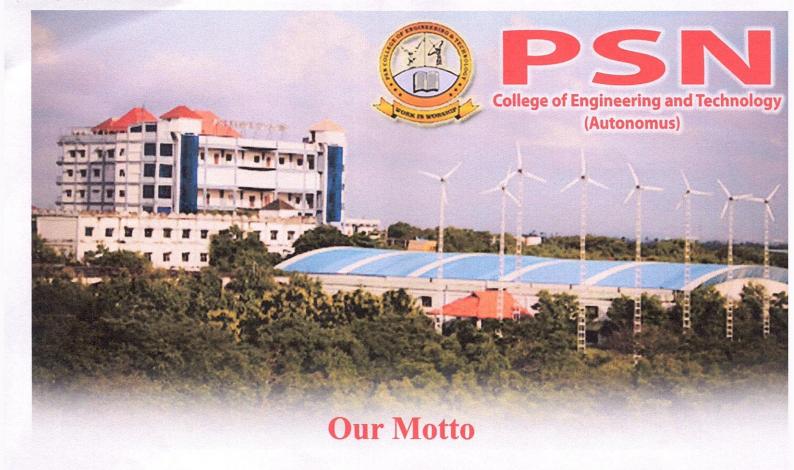
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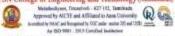


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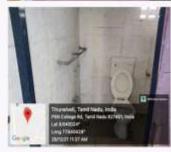
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