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## 1. ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

JBR Architecture College's introduction of solar panels, solar street lights, and solar building lights underscores its commitment to sustainability. This green energy initiative not only reduces the college's carbon footprint but also saves costs over time. The campus becomes a living example of environmental responsibility, offering educational opportunities for students to learn about renewable energy. Beyond financial benefits, the college enhances its community engagement and reputation. JBRAC's efforts pave the way for a greener, more resilient campus and inspire a culture of eco-consciousness.



## SOLAR PANELS, SOLAR STREET LIGHTS & WHEELING TO GRID



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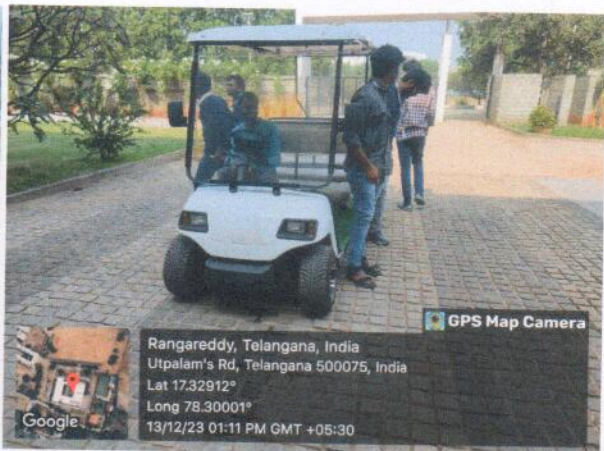
# JBR ARCHITECTURE COLLEGE HYDERABAD

JBR Architecture College is leading the way in sustainable campus transportation. Embracing battery-based 2-wheelers, 3 wheelers and 4-wheelers for internal transportation and also minimizes reliance on fossil fuels, reducing pollution within the campus. Encouraging student bicycle use further contributes to a greener lifestyle.



BATTERY BASED 2-WHEELER BIKE

BICYCLE FOR OFFICE BOY AND STUDENTS



THREE WHEELER FOR TRANSPORTATION OF GOODS

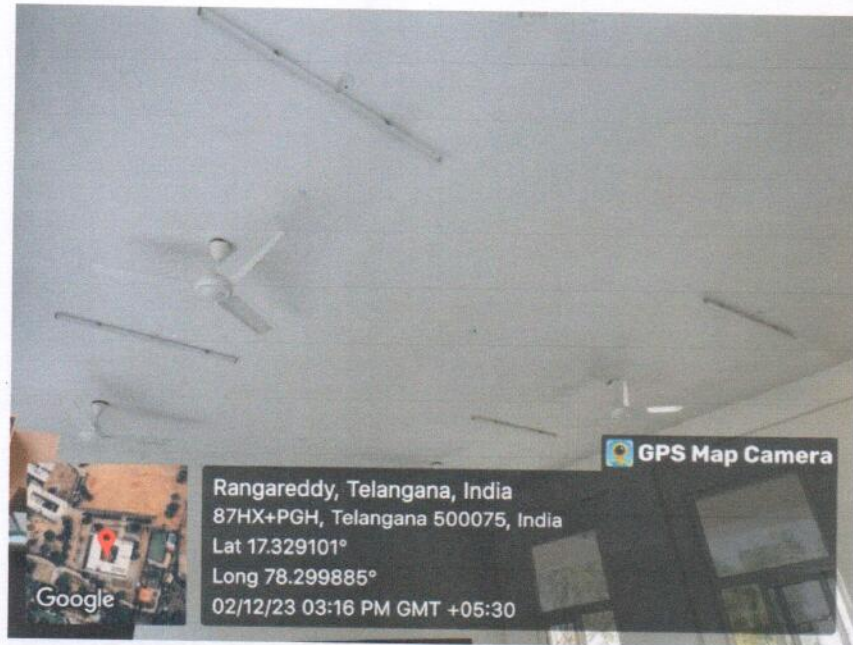
BAGGI FOR INTERNAL FREE TRANSPORTATION



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**JBR**  
ARCHITECTURE COLLEGE  
HYDERABAD



USE OF LED TUBE LIGHTS



**H3CR-FN AC100-240/DC100-125**



USE OF SENSORE BASED LIGHTS



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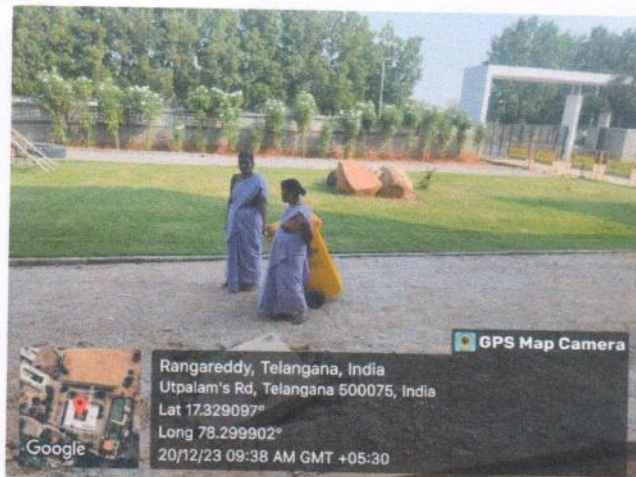


## 2. MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

JBR Architecture College prioritizes effective waste management by segregating biodegradable and non-degradable waste. Through the separation of dry and wet waste, the institution ensures responsible disposal practices. Vegetation waste finds purpose in compost pits, contributing to sustainable plant manure. This commitment to waste segregation and recycling not only reduces the environmental impact but also promotes a culture of responsible resource utilization. JBRAC's holistic waste management approach aligns with eco-friendly principles, showcasing the college's dedication to creating a greener and more environmentally conscious campus. JBR Architecture College goes beyond conventional waste management by incorporating a comprehensive system that includes the collection of biohazard waste.



WET AND DRY DUST BINS ARRANGED IN THE COLLEGE PREMIS WERE EVER NECESSARY

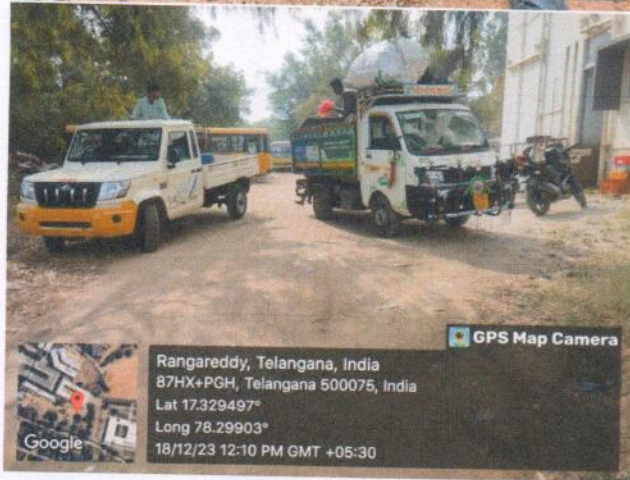
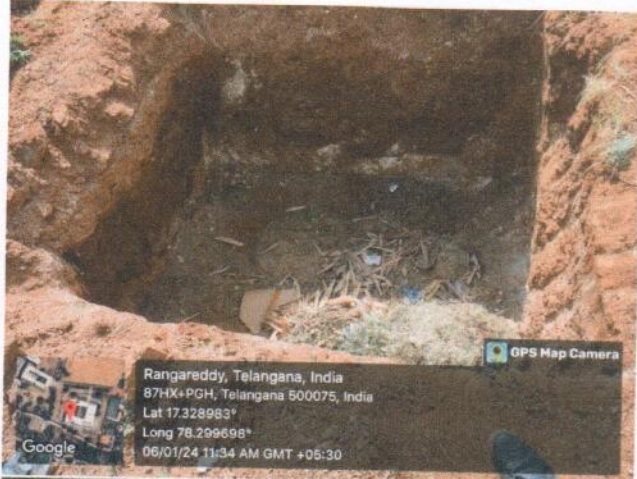


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# JBR ARCHITECTURE COLLEGE HYDERABAD

COLLECTION OF WASTE FROM THE CAMPUS BY MUNICIPALITY TO DISPOSE AWAY FROM THE COLLEGE



COMPOST PIT FOR THE VEGETATION WASTE TO CREAT PLANT MANURE



BIOHAZARD COLLECTION CHAMBER (WE DON'T HAVE ANY WASTE OF SUCH) BUT WE HAVE A FACILITY TO USE WITH IN THE CAMPUS

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**PAPER WASTE**



**E-WASTE**



*[Signature]*  
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### SEWAGE TREATMENT PLANT –STP



### SEWAGE TREATMENT PLANT –STP & OPERATING ROOM



THE PLANT ALSO GENERAT MANURE WHICH IS PRACTICED TO USED FOR THE PLANTATION WITH IN THE CAMPUS



*Principals*  
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### 3. WATER CONSERVATION

BR Architecture College stands at the forefront of water conservation with an innovative approach to rainwater harvesting. The college employs a dual-purpose pit system, strategically designed to serve both rainwater harvesting and bore well recharge. Water from the central courtyard is efficiently collected via a balancing tank situated outside the college premises. Subsequently, it is directed to the rainwater harvesting pit, ensuring optimal utilization. This integrated system not only maximizes water resource efficiency but also reflects the institution's commitment to sustainable practices. JBR's forward-thinking design not only preserves water but also sets a commendable example for environmentally conscious architecture and infrastructure.



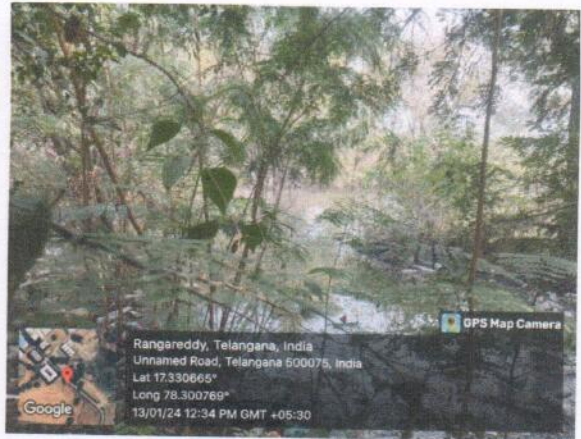
RAIN WATER HARVESTER AND BORE WELL RECHARGER



WASTE WATER WILL BE SWEEP IN TO THE GROUND / VEGETATION THROUGH THE GRAVEL



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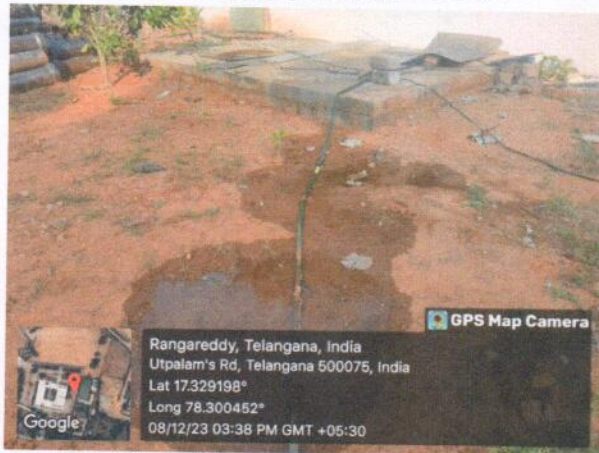


WATER BODIES AND WATER PONDS ARE MAINTAINED TO COLLECT RAIN WATER



DRINKING WATER DISTRIBUTION

DRINKING WATER



JBR Architecture College ensures a sustainable water supply system. Regular water use is facilitated through a bore, supplying an overhead tank. For drinking water, the college relies on battery-based transportation to bring water bubbles from the central Bhagiratha Municipal water supply, emphasizing efficiency and eco-friendly practices in water management.



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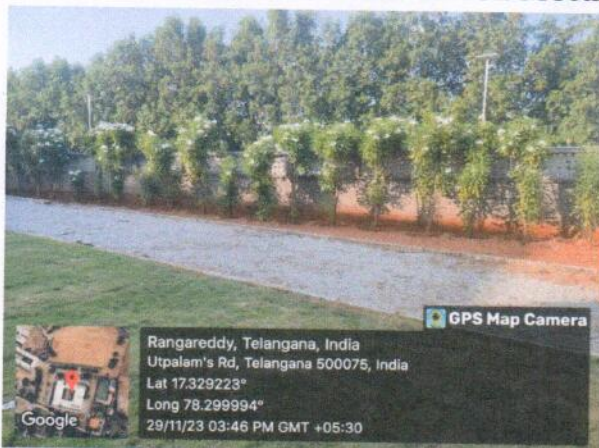
#### 4. GREEN CAMPUS INITIATIVES

The institutional initiatives for green in the campus areas as follows:

- Battery powered vehicles
- Pedestrian Friendly pathways
- Ban on use of Plastic
- Landscaping with trees and plants
- Composter for Manure preparation
- Rain water saucer which is also used as water feeding saucer for birds in summers.
- Employing Drip Irrigation Tools for watering plants in uniform manner & saving water.
- Practicing E-Circulars and save papers
- Restricted entry of automobiles
- Avoid usage of paper cups & plastic and replace with steel/ glass/ metal products for use.

RESPONSE: JBR Architecture College and its management maintain an unwavering commitment to creating an environmentally friendly campus. Despite its primary focus on UG and PG higher education, the institution excels in integrating sustainability into its surroundings. The campus impresses visitors with lush lawns, a central courtyard & OAT fostering a vibrant atmosphere, architecturally appealing buildings designed for ample natural lighting, and verdant surroundings. These elements not only contribute to the aesthetic appeal but also enhance the overall teaching-learning environment. JBR's dedication to a green campus showcases a harmonious blend of education and environmental consciousness, setting a commendable standard for institutions aspiring to balance academia with sustainability.

#### PLANTS THAT MAKE THE SPACE MORE ENVIRONMENTALLY FRIENDLY CAMPUS



Screening & flowering plants throughout boundary



Areca palm plants



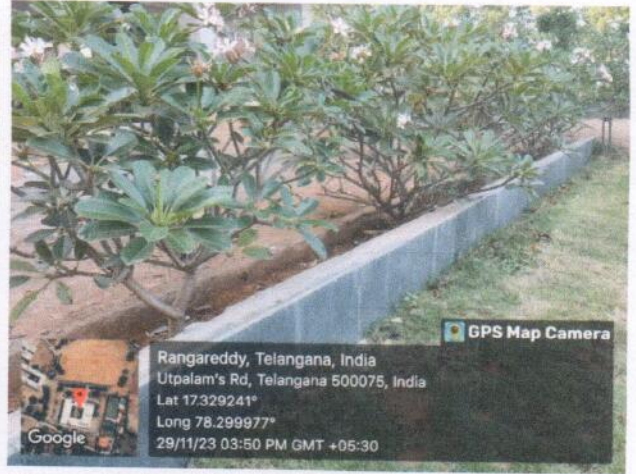
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# JBR ARCHITECTURE COLLEGE HYDERABAD



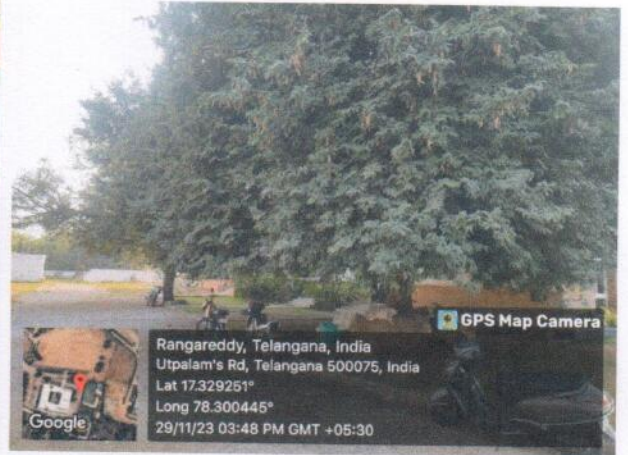
Bird of paradise which attracts Birds



Plumeria alba (Temple Tree)



Raphisexcelsa & Daily lilly for every green bloom



A Retained 100yr old Tamarind tree



A verity of areca palm plants for fresh Air



Bamboo Buddha belly for screening



*[Signature]*  
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Adiniumobisam



Hanging planter pots were birds put nests



Bird of paradise to maintain flora & fauna



Plumeria alba (Temple Tree)



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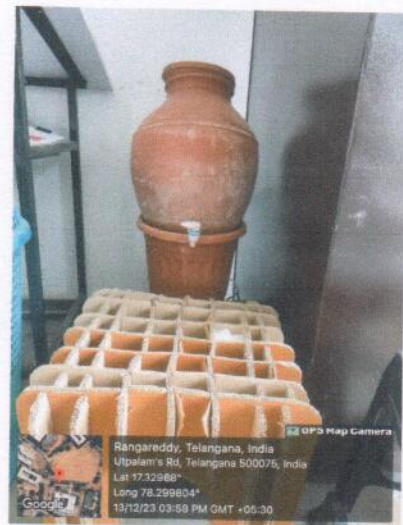
Promoting creativity and sustainability, our college repurposes paint containers as plant pots in the staff room. Embracing the freedom to create, we transform waste into functional and eco-friendly decor.



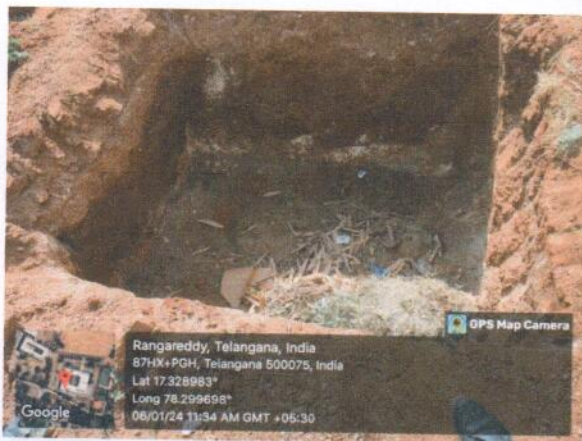
CONTAINER & STRUCTURES MADE OUT OF ECO FRIENDLY & REUSABLE MATERIAL



SEATING ARRANGMENT MADE OUT OF TYRES



CREATED OUT OF WASTE CARDBOARD SHEET



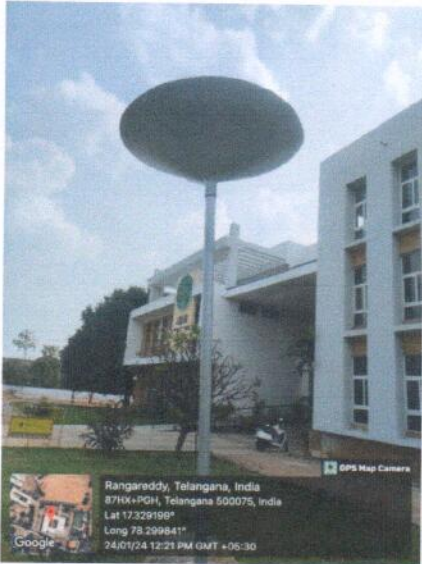
COMPOST PITS TO CREAT PLANT MANUAR



GRASS LAWNS ARE MAINTAINED WELL



*M. Srinivas*  
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RAIN WATER SAUCER/BIRD FEEDER



PLASTIC BOTTLES COLLECTION BASKET

RESTRICTED ENTRY OF THE AUTOMOBILES IN SIDE THE CAMPUS



BARICADES TO RESTRICT



2WHEELER PARKING AREA



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## 5. DISABLED-FRIENDLY, BARRIER FREE ENVIRONMENT



A separate pedestrian & ramp (in 1:20 ratio) provided, along with hand rail on both the sides for the users.



Lift with Automatic sensor-based lights & fans



Hand rails provided in the toilet



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NVAD SCREEN READER SOFTWARE HAS BEEN PROVIDED



**NV Access**

Empowering lives through non-visual access to technology

**THE NV ACCESS LOGO®**

**Description**

The NV Access logo® could broadly be described as 'sun-shaped', using the colours purple, turquoise and orange.

The NV Access logo® is a hollow purple sun shape with 16 points. 8 points are sharp and triangular, coloured in purple. The purple points alternate between either orange or turquoise rounded points. Inside the circle of the sun is a purple diamond outline, and in the centre is a hollow turquoise ring.

To the right of the logo are the words 'NV Access' above the tag-line 'Empowering lives through non-visual access to technology'. The text 'NV' is in orange and the rest of the text is in purple. There is a purple horizontal line in the centre, between the company name and tag-line.

The sun logo itself is about a third of the total width, with 'NV Access' in large text and the tag-line smaller.

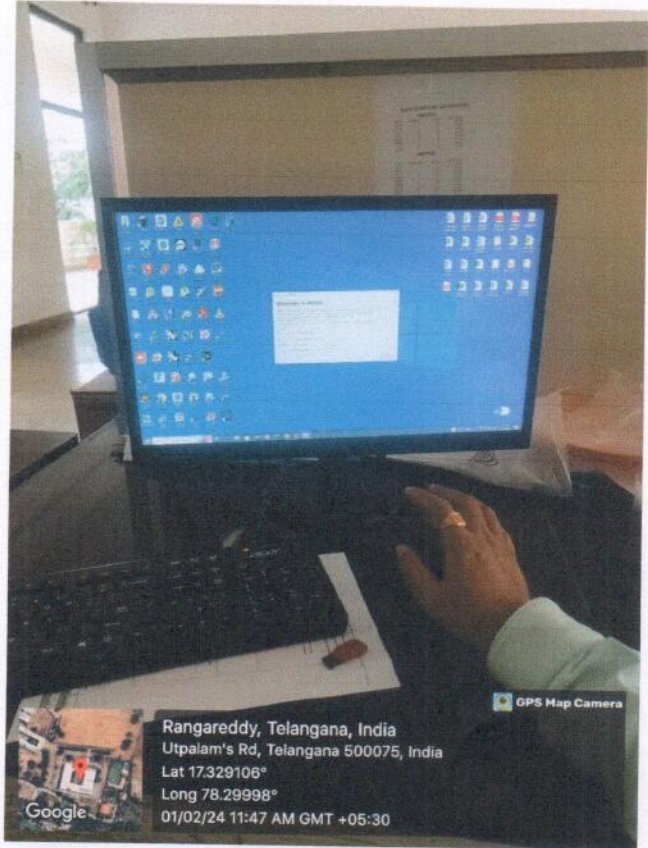
**The Sunburst design**



In some places, for decoration, a simpler, single coloured 'sunburst design' is added, for instance around the 'About NV Access' text near the top of this page. The text itself is white on orange. The sunburst design used there is a complementary lighter orange colour. It is placed randomly as decoration, and in different sizes.

The sunburst design is a hollow sun-shape with 16 points. 8 points are sharp and triangular. These alternate between rounded points. Each point on the NV Access logo® extends out from a circle. In the sunburst design, there is no circle. The sharp points continue inside the design the same distance, to meet the next at a sharp point. Each rounded point curves to meet the next. The design is done in a lighter shade of one of the logo colours. A light turquoise sunburst design is above this section of the page.

For a description of the NVDA logo®, please visit the [About NVDA](#) page. The NV Access logo and NVDA logo are both ® Registered Trade Marks of NV Access Limited.



Systems are arranged with NVDA reading software for the students who have difficulty in reading for long duration.



NVDA software installed in 3 systems for students having trouble/ difficulty in reading books/screen for long duration. This software is designed to read the screen of the computer & the audio will help the students what's going on the screen.



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