

DVV Clarification for 7.1.2

Water Conservation Measures, Green Campus Initiatives, Barrier-Free Environment

Water Conservation Measures

RAIN WATER HARVESTING

Due to rapid increase in day-to-day demand for water among fast growing human population, there lies a great opportunity of harvesting rainwater to meet the scarcity of water and avoid destruction of the normal groundwater level. The boon of rainwater harvesting is that the unused or extra water can be sent down the aquifer to charge the groundwater level.

Rain water harvesting is an important environment friendly approach. It is a Green Practice having double benefit of keeping the groundwater level undisturbed and charging the aquifer. This green practice can be encouraged in the form of Community Development Program. Rain water and run-off water, stored in a planned way, can save the earth from soil erosion and flood and recharge the aquifers to increase the groundwater level. The extensive and unplanned use of groundwater has not only disturbed the natural water level but also has made the groundwater contaminated and unfit for use. Collecting and harvesting rainwater and run-off water would reserve the water for future generation. Rainwater harvesting is ecofriendly and economical. The cost of digging a catchment area can be saved by roof-top collection of rainwater. The catchments and settlement tanks reduce the ground heat and act as a natural cooler. The best part of the practice of rainwater harvesting, is that if unused, this water can be collected in natural ponds or artificial tanks and decanted to the ground thus charging the a aquifer.


Objectives:

To increase recharge of groundwater by capturing and storing rainwater, by rainwater harvesting from rooftop run-offs.


To store the water for gardening & washing purpose

Practice:

In the Aurora's PG College (MCA) campus rainwater harvesting system has been installed in Block A, Block B and Block C. The roof runoff water is collected through network of pipe lines and stored in the wells. There are wells in the campus where the roof runoff water is stored. The remaining roof runoff water is allowed to infiltrate in the ground for recharge. The stored water is used for gardening and washing of vehicles.



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AWARENESS PROGRAMS ON WATER CONSERVATION

The institution actively organizes awareness programs and observes World Water Day annually to highlight the critical importance of water conservation and encourage the adoption of sustainable practices among students and staff. These initiatives foster a sense of responsibility and inspire proactive efforts toward environmental stewardship.

To oversee these efforts, the institution has established a nature club, Prakriti, with members from both the staff and student body. The events feature a wide range of activities, including competitions and interactive sessions, where environmentalists and sustainability advocates address urgent issues such as water scarcity, pollution, and climate change. Students are actively engaged in quizzes, poster-making contests, and role-play activities focused on innovative solutions for water conservation.

World Water Day celebrations also provide an opportunity to showcase successful water-saving initiatives, such as the rainwater harvesting system and efficient water usage practices implemented by the institution. Additionally, these programs offer valuable insights into both local and global water challenges, helping participants recognize their role in addressing these critical issues.




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WATER STORAGE TANKS AND BUNDS

Sintex tanks are a popular choice for water storage on terraces, widely used in residential, commercial, and industrial applications, which is placed on a leveled, sturdy platform, used quality pipes and fittings to avoid leaks. These are made of high-quality, food-grade polyethylene, which is durable and resistant to corrosion and weathering. We install an automatic water level controller to prevent wastage




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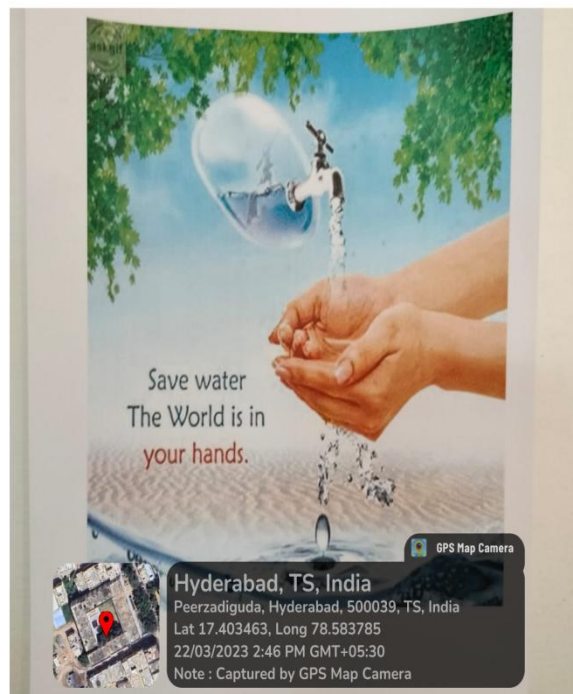
Water Conservation Measures


AWARENESS ON WATER CONSERVATION THROUGH POSTERS ON CAMPUS

Aurora's PG College (MCA) raises awareness about water conservation through the strategic placement of posters throughout the campus. These visually impactful posters are designed to educate and inspire students, faculty, and staff to adopt sustainable water usage practices in their daily routines.

The posters feature engaging visuals, strong slogans, and clear messages that emphasize the importance of saving water. Key themes include tips for reducing water wastage, the benefits of rainwater harvesting, the importance of promptly fixing leaks, and the broader environmental impact of water conservation.

Placed in high-traffic areas such as corridors, notice boards, classrooms, washrooms, and common spaces, the posters ensure widespread visibility and engagement. For instance, posters near water dispensers remind users to avoid unnecessary spillage, while those in washrooms encourage minimal water usage and the proper closure of taps.




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Green Campus Initiatives

Aurora's PG College (MCA) is committed to reducing plastic pollution on campus by focusing on the elimination of plastic bottles, straws, single-use plastic bags, and Styrofoam packaging. Plastic bags, in particular, pose significant environmental threats due to their difficulty in recycling and the severe health risks they pose to humans, animals, and ecosystems. Many states and Union Territories in India have implemented bans on plastic to mitigate litter and environmental harm. While plastic bags offer convenience in sectors like shopping and logistics, they contribute to pollution, travel long distances via wind and water, and are made from non-renewable resources such as petroleum and natural gas, thereby accelerating global climate change.

In response to these challenges, the college has organized awareness programs to educate the campus community about the dangers of plastic. Participants are encouraged to adopt alternatives such as jute bags, paper bags, and plant-based products, in an effort to reduce plastic dependence and promote sustainable options.

Campus Green Areas

The campus features a main building surrounded by lush trees, and we are dedicated to maintaining and enhancing these green spaces through various initiatives:


Tree Plantation Programs: The college hosts tree planting events throughout the year. Since 2014, we have actively participated in the Telangana Haritha Haram program, which encourages the annual planting of saplings to support an eco-friendly environment and increase oxygen levels on campus. This initiative includes a variety of indigenous ornamental and medicinal plants.

Environment Day: On June 5th each year, we celebrate Environment Day by planting trees to further enhance the campus greenery.


Our commitment to waste management and green landscaping demonstrates our dedication to environmental sustainability and contributes to creating a healthier, more eco-conscious campus.



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Barrier-Free Environment

Architect Certificate



CERTIFICATE

On the request of the Management of Church Educational Society, we have verified the building of AURORA'S PG COLLEGE (MCA) situated at Peerzadiguda, Uppal, Hyderabad, and found the following facilities:

- ✓ **Barrierfreeenvironment**
 - o We have verified and found that the institution is having ramp facility.
- ✓ **Physicallyhandicappedtoilets**
 - o We have verified and found that the institution the physically handicapped toilet is available.
- ✓ Proper Sewage Disposal System
 - o We have verified and found that the building is having proper Sewage Disposal System.
- ✓ VehicleParkingFacility
 - o We have verified and found that the institution is having adequate parking space available.
- ✓ All Weather Approach road
 - o We have verified and found that the institution is having all weather approach road from the main road to the college.

HENCECERTIFIED

Date: Hyderabad
Place:04-04-2022


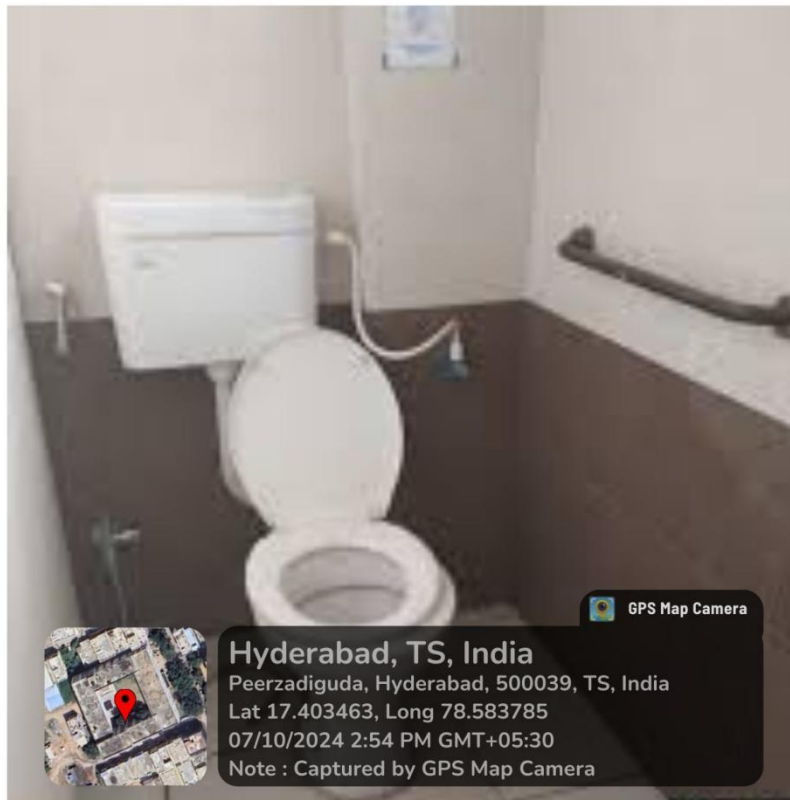
SANDHYA MANJUNATH
COA No. CA/1999/25495

Sandhya Manjunatha
COA..No: 1999/25495
INNOVARCH ARCHITECTS (I) PVT. LTD
Flat 303,3rd Floor VijayLeela Apartments,
Leela Nagar, Ameerpet, Hyderabad - 16.

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DISABLED FRIENDLY REST ROOM /WASH ROOM:

Accessible washrooms are specifically designed to accommodate students with physical disabilities. These facilities are especially beneficial for students and staff with reduced mobility or weakened legs, as the higher toilet bowls make it easier for them to stand up. Each building block is equipped with clean and hygienic restrooms, which are conveniently located on the ground floor for easy access.



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POLICY FOR DISABLED STUDENTS

The Institution provides equal educational opportunities to disabled persons in higher education.

2.The Institution adheres to follow the instructions/Orders/norms set by the University Here with a policy to follow OU Hyderabad admission procedure.


3. The persons with disabilities (Equal opportunities protection of rights and full participation) Act, 1995 provide that all government Educational institutions and other educational institutions receiving aid from the government shall not reserve less than three percent seat for persons with disabilities.

Facilities:


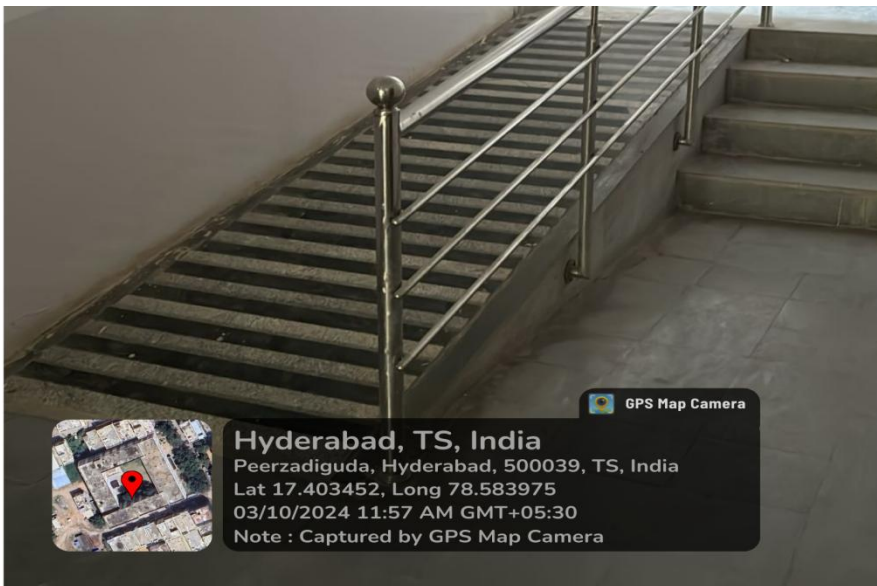
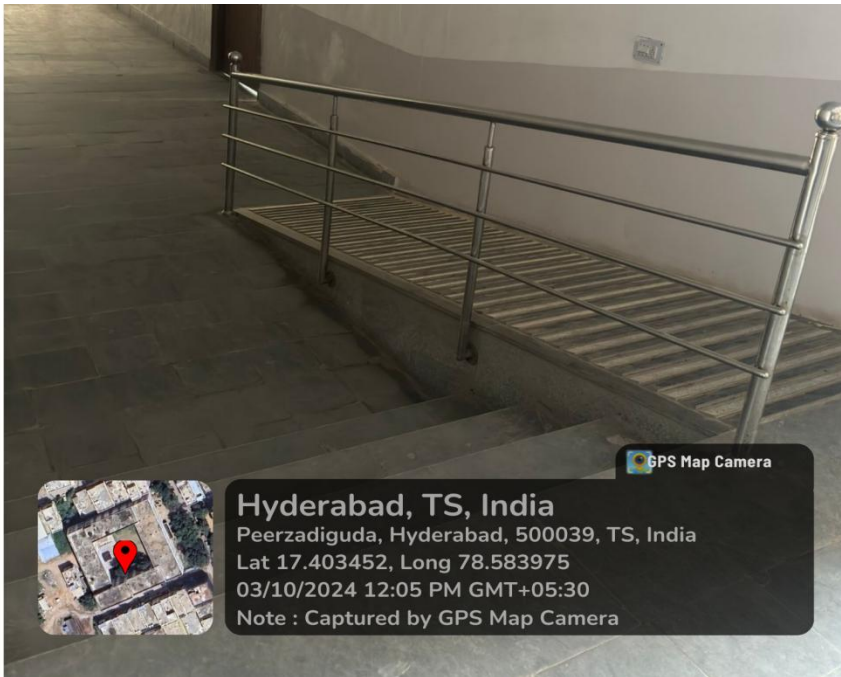
1. For physically disabled students ramps/ elevators are provided for their easy access to all facilities on different floors and separate rest rooms to disabled students.

In addition to the above minimum needs, the institution is ready to provide wheelchairs, care is taken to allot ground floor classrooms and other classrooms have elevators accessibility.

Aurora's PG College (MCA) ensures a disabled-friendly physical infrastructure as per Annexure 'A' existing infrastructure to be dealt with in a phased manner.



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