

DECCAN GROUP OF INSTITUTIONS

Dar-Us-Salam, Aghapura, Hyderabad – 500 001 Telangana
(A Self-Financed Muslim Minority Technical Campus)
Estd. by: Dar-Us-Salam Educational Trust, Hyderabad, Approved by AICTE, New Delhi
Affiliated to Osmania University, Hyderabad, Recognized by Govt. of Telangana

DET/DGI/AICTE/ACAD/ESSENTIALS/16/2024

Dated: 19.01.2024

CERTIFICATE

UV-RO Water plant is available within the campus of Deccan Group of Institutions, Hyderabad (PID No: 1-8641511) for constant “**potable water supply**” of safe and pure drinking water

- Purified water is supplied in campus
- Storage capacity: 1000 LPH SS container (2 No's.)
- Filtration Capacity: 250 liters/hr
- Treatment: UV – RO treated oxidized

The drinking water needs of all students, teachers, support staff, and visitors are met by the Reverse Osmosis Plant placed in the students' amenities centre. Raw water with an average Total Dissolved Solids [TDS] of 1800-2000 ppm is treated to lower the TDS content to less than 100 ppm, which is the universally accepted TDS upper limit. This is accomplished in three stages: pretreatment, transit of the water through six parallel RO membrane filters, and post treatment. The plant's maximum capacity is 1000 LPH. Potable water capacity is 1000 LPH. This water is pure and hygienic, making it ideal for human consumption. The plant's waste water is used for washing and gardening. This plant not only ensures the safe supply of drinking water, but it also eliminates the otherwise prohibitive cost of purchasing drinking water for the campus's vast human resources. Now that we have our own RO water, we can be more generous with it at the institution. The water purification system is on the roof spaced apart from the electrical substation and drainage systems. All floors, administrative offices, canteens, and hostels receive pure drinking water on a daily basis.

Reverse Osmosis Plant



The above document is available on the institution website hyperlink: <http://www.dgi.org.in/Essentials.html>

DIRECTOR