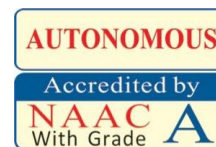




DVR & Dr. HS MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
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UV-RO Water Plant in College Campus

UV-RO Water plant available within the campus for constant supply of safe drinking water

- o Purified water is supplied to all academic blocks, canteen and hostels.
- o Storage capacity: 3000 liters SS container
- o Filtration Capacity: 500 liters/hr
- o Treatment: UV – RO treated oxidized

The Reverse Osmosis Plant installed in the students amenities centre caters to the drinking water needs of all the Students, Teachers, supporting Staff and the Visitors. The raw water with an average Total Dissolved Solids [TDS] of 1800-2000 ppm is treated to reduce the TDS content to less than 100 ppm the generally acceptable upper limit of the TDS

This is done in three stages, namely Pretreatment, passage of the water through 6 RO membrane filters held in parallel to each other and Post treatment. The maximum capacity of the plant is 2000 liters per hour. The utilized capacity is 1000 lit/hr potable water. This water is Pure, Tasty and Hygienic rendering it highly suitable for human consumption.

The rejects water from the plant is used for gardening and washing purposes. This plant not only facilitates the supply of safe drinking water but also obviates the otherwise involved huge expenditure for procuring drinking water for the large number of people in the campus. Now the institution can be liberal in the provision of our own made RO water.

Supply of purified water

Water purifying system is located in the canteen which is far from electrical substation system & drainage system. Supply of purified drinking water is done daily to all floors, administrative offices, canteen & hostels

Specifications of water purification system – 2000 lph:

Storage capacity 10000 liters SS container

Filtration capacity 1000 liters/hour

Treatment UV-RO treated oxidized

Storage tanks capacity 3 nos of 20000 liters

Storage tanks capacity 3 nos of 20000 liters

Availability Area:

Availability water in hostels 24 hours

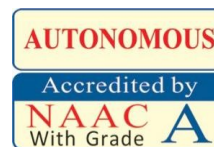
Availability water in canteen 24 hours

Provision of water cooler facility:



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