

# Natural sewerage system set up at Cujira campus

TIMES NEWS NETWORK

**Panaji:** A natural sewage treatment system was set up at one of the schools in the Cujira school complex on an experimental basis, in collaboration with the Birla Institute of Technology and Science (BITS) Pilani, Goa. After successfully testing this system at one school, all other five institutes at the complex will be provided with such sewage treatment plants.

The treated water from these plants will be used to green the school complex.

As part of the Rs 14 crore project to redesign the complex, 350 trees will be planted across the area, spanning around 1 lakh sq metres. An automated drip irrigation system will be attached from the sewage treatment plant, leading to the trees. The sewage treatment plant makes use of a natural system involving reeds, which is a type of grass, and microorganisms. It has been

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“The pilot sewage plant for one school has run successfully and other schools will be given the same plants. The system has no mechanical parts, which means constructing it costs half the amount required for a conventional plant. And this natural sewage treatment system does not require any operator. The treated water will be routed to the trees through the drip irrigation system,” said Siddharth Kuncalienker, chairman of the task force for the Cujira school complex.

Each sewage treatment plant will cost approximately Rs 50 lakh to set up, he said.