

Estd-1980



B.L.D.E.A's

J.S.S. COLLEGE OF EDUCATION,

S.S.PU Campus, Ram Mandir Road, Vijayapur-586101

Reaccredited by NAAC @ B Grade (CGPA:2.61)



Permanent Affiliation to Rani Channamma University, Belagavi Recognised by NCTE and UGC 2(F), 12(B), New Delhi

Rainwater harvesting

Catchment Area Rooftops : The college's rooftops serve as the primary catchment area. Rainwater falling on these surfaces is directed into a collection system.

Open Areas: Large open spaces, such as playgrounds or gardens, are designed to collect rainwater, either through direct absorption or surface runoff.

Underground Tanks and downspouts : Rainwater can be stored in large underground tanks to minimize space usage and protect the water from contamination. Gutters are installed along the edges of rooftops to collect rainwater, which is then channeled into downspouts.

Connecting Pipes : Downspouts are connected to a network of pipes that convey the water to storage tanks.

Storage tank Size : The size of the storage tanks depends on the catchment area and average rainfall, ensuring adequate capacity to store water during the monsoon season.

Reuse of harvested rain water : The collected water is efficiently used for watering the plants in the gardens.


IQAC Co-ordinator
LDEA's JSS College of Education
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Principal,
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Waste water Recycling

Blackwater : Wastewater from toilets, which requires more intensive treatment due to higher levels of contaminants is properly managed.

Recycling and Reuse : Treated water is used for irrigation, toilet flushing, cooling systems, and cleaning purposes within the campus.


Ground water Recharge : Excess treated water is used to recharge ground water aquifers, contributing to long-term water sustainability.

Land scaping : Recycled water can be used to maintain gardens, lawns, and green areas, reducing the need for fresh water.

Storage Tanks : Treated water is stored in tanks for distribution across the campus for various uses.

Reuse of waste water from filter water plant : The impure water from the potable water plant is reused for garden and other purposes.


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Reservoirs/Tanks/bore well

Maintenance and Operation Regular Inspections: Periodical checking of the bore well for signs of contamination. Inspecting the casing, pump, and water quality is maintained.

Water Quality Testing: Regularly test the groundwater for contaminants like bacteria, heavy metals, or high levels of salinity.

Pump Maintenance: Pumps and motors are regularly serviced to ensure efficient operation and prevent breakdowns.

Storage Tanks : Storage Tanks are used for storing water from various sources, including borewells and rainwater harvesting systems.

Distribution Tanks: These are Located at strategic points to distribute water across the campus efficiently.

Maintenance and Operation

Regular Cleaning: Tanks are cleaned periodically to prevent algae growth and sediment accumulation. This also helps in maintaining water quality.

Water Inspection: Regular inspection of tanks for leaks, cracks, or other structural issues is overiwied. Ensure that covers are intact to prevent contamination.

Water Treatment: Filtration is implimented and disinfection systems is necessarily ensured that water remains safe for use.

Awareness about Water Conservation : Awareness to students and staffs about water conservation practices and the importance of efficient water usage will be given.


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