



# SANSKRITHI SCHOOL OF ENGINEERING

Behind SSSS Hospital, Beedupalli knowledge park, Prasanthigram, Puttaparthi - 515134  
Affiliated by JNTUA & Approved by All India Council for Technical Education (AICTE), www.sseptp.org

## Rainwater Harvesting and Groundwater Recharge at SSE Campus

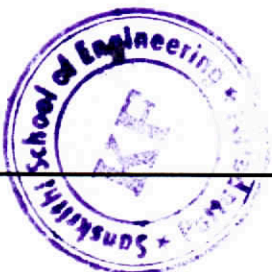
Sanskriti School of Engineering (SSE) recognizes the importance of sustainable water management and has implemented rainwater harvesting measures on its campus. The institution has installed four rainwater harvesting pits, strategically placed to capture and store rainwater. These pits serve the dual purpose of replenishing groundwater reserves and facilitating water infiltration in the area.

Recharge pits are designed to allow rainwater to percolate into the underground aquifers, thereby replenishing the groundwater levels. These pits can be specifically constructed to recharge bore wells or to enhance water infiltration across the campus. The aim is to maximize the utilization of rainwater resources and promote the sustainable replenishment of groundwater.

Water quality within the college is a priority, and SSE ensures regular monitoring and analysis of the water supply. Groundwater and Water Audit Department, Government of Andhra Pradesh, conducts water quality assessments. Water samples are collected from five wells on the college campus, and the analysis indicates that the water quality ranges from moderate to good. All parameters align with the permissible limits set for drinking water standards, ensuring that the water provided to the college community is safe and meets quality requirements.

To further promote artificial groundwater recharge and optimize rainwater utilization, SSE has installed recharge pits specifically designed to collect rainwater from rooftop areas. This proactive approach to rainwater harvesting contributes to sustainable water management practices on the campus.

By implementing these initiatives, SSE showcases its commitment to environmental stewardship and responsible water usage. The institution actively contributes to conserving groundwater resources and ensures access to clean and safe drinking water for its students, staff, and visitors. The integration of rainwater harvesting structures and recharge pits throughout the campus serves as a model for sustainable water management, inspiring the college community to adopt similar practices and contribute to a more water-secure future.



*(Handwritten signature)*

**Principal**

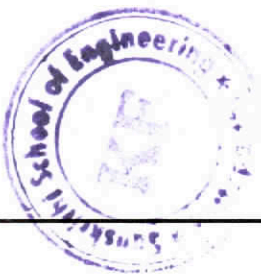
Sanskriti School of Engineering  
Beedupalli Road, Prasanthigram  
PUTTAPARTHI - 515 134.  
Anantapuramu (Dt) A.P.



Fig: Rain water harvesting pit backside of Main building



Fig: Rain water harvesting pit of near SSE Power Generator room



*[Handwritten Signature]*  
**Principal**  
 Sanskriti School of Engineering  
 Beedupalli Road, Prossabhinagar,  
 PUTTAPARTHI - 515 134,  
 Anantapuramu (Dt) A.P.



Fig: Rain water harvesting pit of near SSE Power Generator room



Fig: Rain water harvesting pit at SSE



PRINCIPAL  
*Let. Santosh*  
**Principal**  
 Sanskriti School of Engineering  
 Beedupalli Road, Prasanna  
 PUTTAPARTHI - 515 134  
 Anantapuramu (Dt) A.P.