



SANSKRITHI SCHOOL OF ENGINEERING

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

Rain-water harvesting systems:

Sanskriti School of Engineering (SSE) recognizes the importance of sustainable water management and has implemented rainwater harvesting systems on its campus. Rainwater is collected and stored for the purpose of nurturing the greenery within the campus premises. By utilizing a water motor, the stored rainwater is efficiently distributed for watering the plants and maintaining the lush green environment.

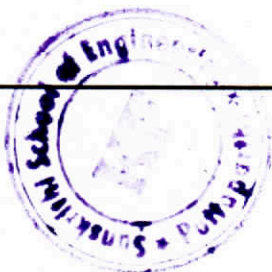
This initiative serves multiple purposes:

1. **Conservation of Water Resources:** Rainwater harvesting allows SSE to reduce reliance on external water sources, thereby conserving precious freshwater resources. By maximizing the utilization of rainwater, the institution demonstrates its commitment to sustainable water management.
2. **Environmental Sustainability:** Utilizing rainwater for campus greenery supports the overall environmental sustainability goals of SSE. It reduces the need for additional water supply from external sources, minimizing the carbon footprint associated with water transportation and treatment.
3. **Cost Efficiency:** By utilizing harvested rainwater for the maintenance of the campus greenery, SSE can achieve cost savings on water bills and reduce operational expenses.
4. **Lush and Green Campus:** The utilization of stored rainwater ensures the availability of an adequate water supply for maintaining a vibrant and healthy green environment within the campus. This enhances the overall aesthetics and creates a pleasant atmosphere for students, faculty, and visitors.

Rainwater harvesting at SSE showcases the institution's commitment to environmental stewardship and sustainable practices. It serves as an example for the college community, emphasizing the importance of responsible water usage and the positive impact it has on the overall ecosystem. By harnessing rainwater resources, SSE contributes to a greener future and promotes a sustainable campus environment.


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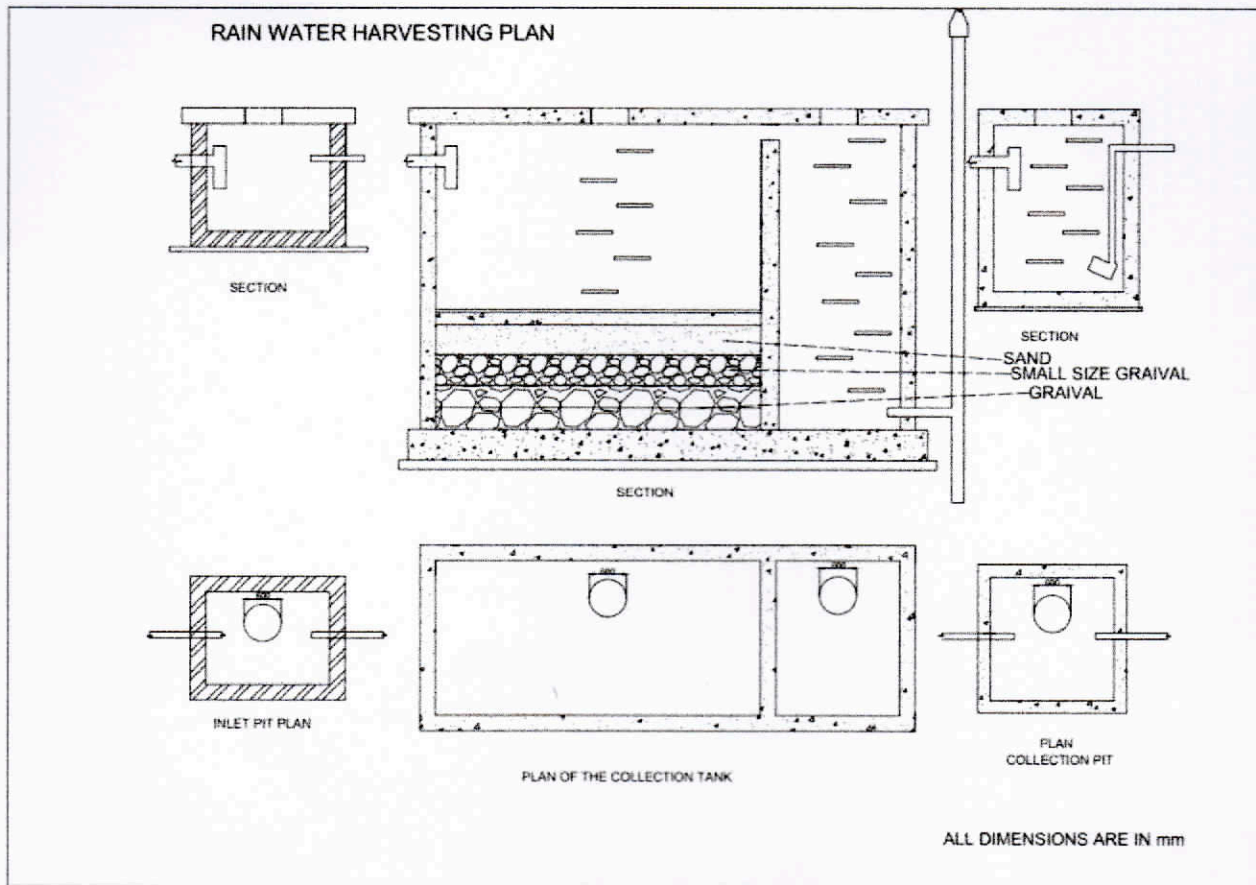


Fig: Civil diagram of Rain water harvesting pit



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Fig: Rain water storage from SSE first and second floor

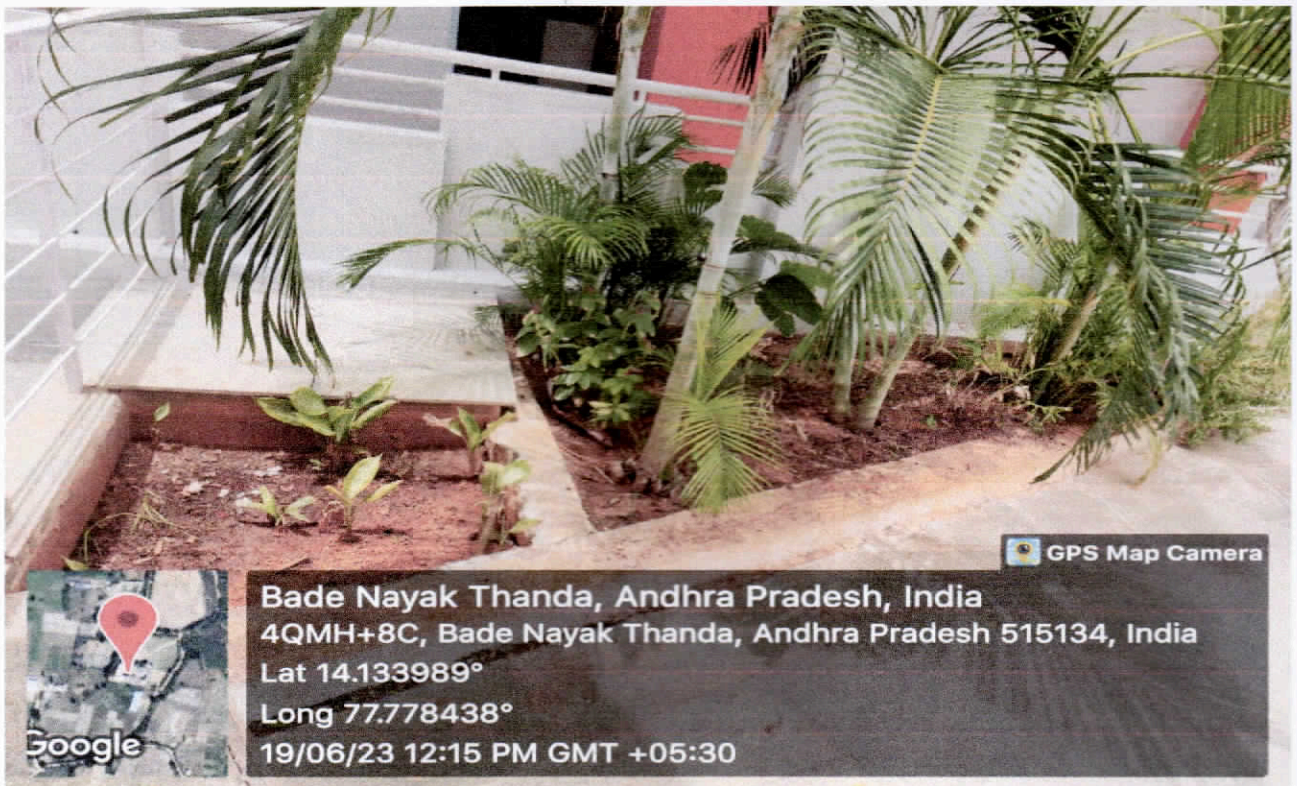
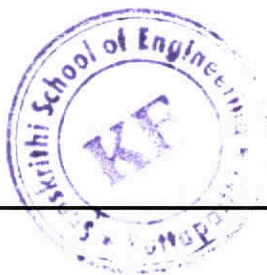


Fig: Rain Water Utilization for inside SSE campus for greenery



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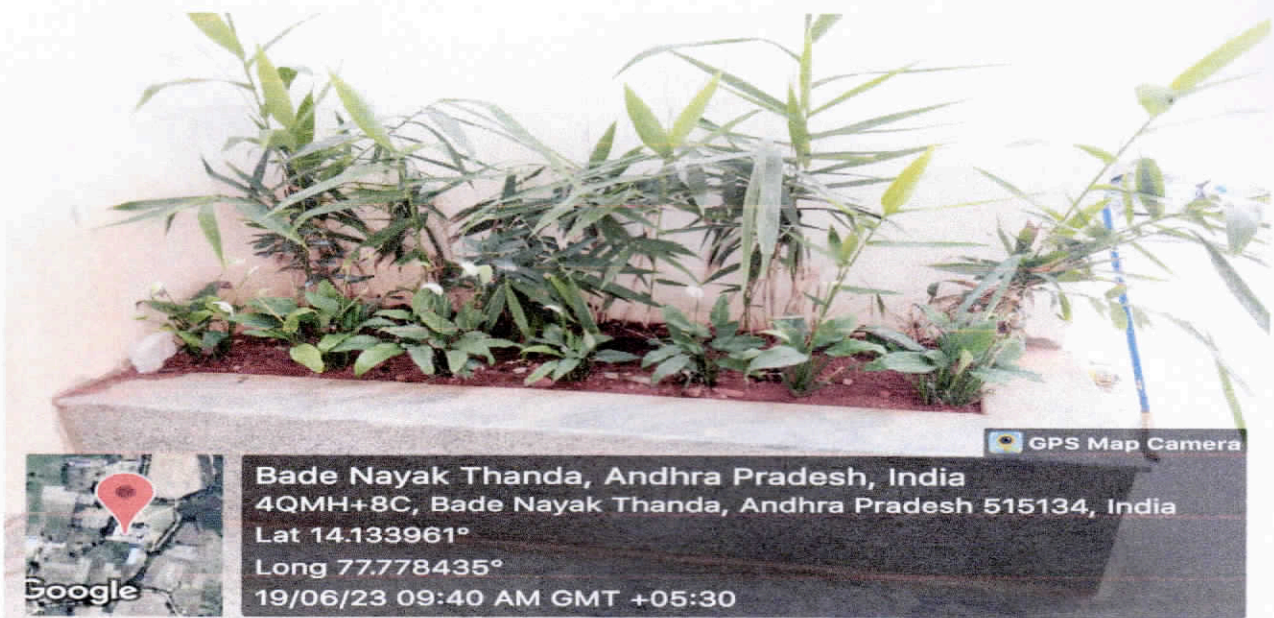
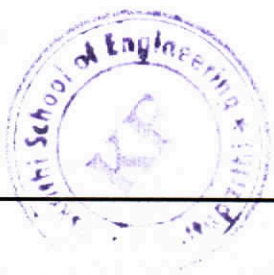


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