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DEWAT SYSTEM IN DSCE COLLEGE AS FUTURE FORECASTING PERSECTIVE BY IOT TECHNIQUES

Introduction

Decentralized Wastewater Treatment Systems (DEWATS) are sustainable, low-maintenance treatment units designed for institutions, campuses, and small communities. DSCE (Dayananda Sagar College of Engineering), with its large student population, generates significant wastewater from hostels, canteens, laboratories, and residential areas. A DEWAT system can be deployed on campus to reduce environmental impact and promote water reuse.

In the future, the integration of Internet of Things (IoT) can enhance DEWAT performance by providing real-time monitoring, automation, and predictive analytics, making the system more efficient, reliable, and student-research oriented.

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