

An ECOSOFTT Success Case: St Aloysius Institute of Technology, India

ECOSOFTT Enables Leading Engineering College Develop a Zero Discharge Campus



St Aloysius Institute of Technology (SAIT) is a leading engineering college in Central India. It is part of the St Aloysius group of institutions with a 150-year tradition. SAIT's campus in Jabalpur, India was established in 2007.

This fast growing campus faces a huge potential water shortage and pollution challenge. As it “off the water grid”, ground water is its only source of water supply and all wastewater is discharges through septic tank overflows.

Site Profile:

- No. of students & staff:
 - 2014: 1,000
 - 2020 Projected: 3,000
- Water consumption: 40,000 - 60,000 liters per day

ECOSOFTT Solutions:

- Rainwater harvesting
- Wastewater treatment based on Aerobic Biofilter Without Sludge Solution

Customer Benefits:

- Holistic environmental solution that enables a Zero Discharge Campus
- Treated water used for Irrigation, landscaping and ground water recharge
- Organic fertiliser generated by ABWS used for campus gardening

"We thank ECOSOFTT for helping us accomplish this pioneering achievement. The decentralised wastewater solutions offered by ECOSOFTT are ideal for our situation. In addition to being a campus infrastructure, the ABWS serves as an important learning tool for our engineering students."

Rev. Father Dr. Davis George
Director, SAIT