



## Evidence(s)

# THE-Impact Ranking



HEI: **TRIDENT ACADEMY OF TECHNOLOGY**

COUNTRY: INDIA

WEBSITE: <https://tat.ac.in/activities/>

### 6.3.1 WASTEWATER TREATMENT

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Plate 1- Sewage Treatment Plant

**Plate 1-** A 150 KLD (Kilolitres per Day) water treatment plant is designed to purify and supply 150,000 litres of water daily. The process typically includes stages such as coagulation, sedimentation, filtration, and disinfection. Raw water is treated to remove impurities, pathogens, and contaminants, ensuring it meets health and safety standards. The plant is equipped with monitoring systems for quality control. It serves for Gardening, promoting sustainable water management and supporting community health.

#### DESCRIPTION

The college has installed a Sewage Treatment Plant (STP) with a capacity of 150 KLD. At Trident Academy of Technology, water is sourced from bore wells. Wastewater exits from various facilities, including the canteen, toilets, bathrooms, and laboratories, through a covered drainage system. This drainage system connects to the STP, ensuring effective treatment and management of wastewater on campus.