



DAYANANDA SAGAR  
UNIVERSITY



NAAC

## Dayananda Sagar University

Kanakapura Road, Bangalore South, Karnataka – 562112

### 6.3.1 Wastewater treatment

Dayananda Sagar university has both STP and ETP water treatment plant. Capacity of plant is around 1.5MLD.

STP is in process of bar screen, then Equalisation with aeration, then PAT-SBR stage with aeration to control BOD, then Decanting, Sand-Carbon Media filtration with chlorine dosing. This treated water is used for Irrigation.

In continuation this treated water is further treated in ultra filtration and then supplied to flushing system to all blocks of DSU campus.

ETP is in process of bar screen1st, coagulation with polymer and alum dosing 2nd with agitator motors stirring the dosing tank solutions to control pH. Then flocculation with agitator motor stirring and then gravity of treated water falling directly in STP SBR PAT. In continuation process will be with STP SBR stage.

### Waste Water Treatment plant



