



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

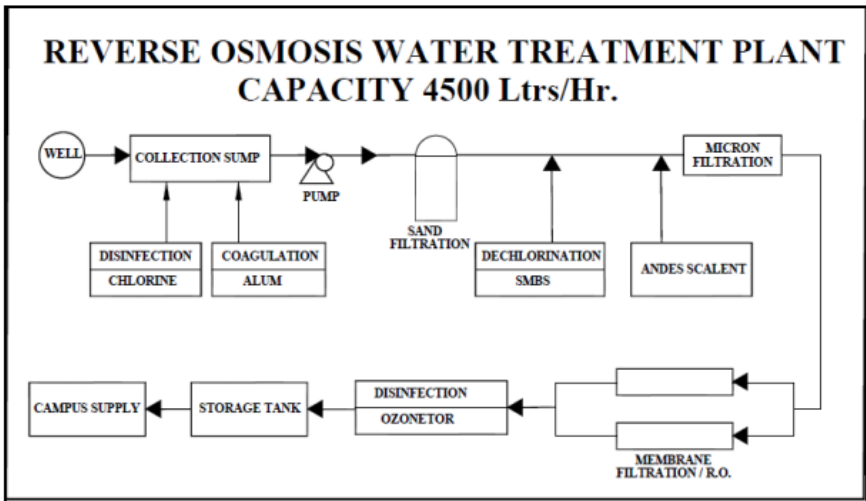
CHENNAI

Water

All the rainwater is collected into the existing wells on the campus for the usage of the University



RO Plant

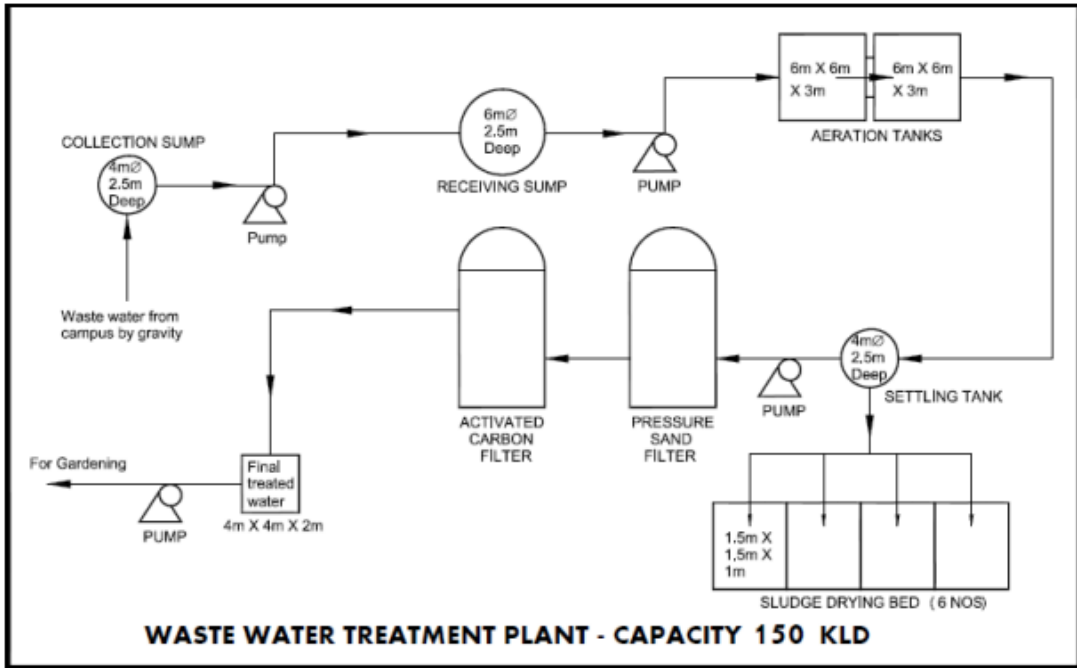


FLOW CHART FOR THE RO PROCESS



Sewage Treatment Plant





COLLECTION SUMP

4m \varnothing
2.5m
Deep

Waste water from
campus by gravity

Pump

RECEIVING SUMP

6m \varnothing
2.5m
Deep

PUMP

6m X 6m
X 3m

6m X 6m
X 3m

AERATION TANKS

ACTIVATED
CARBON
FILTER

PRESSURE
SAND
FILTER

PUMP

4m \varnothing
2.5m
Deep

SETTLING TANK

For Gardening

PUMP

Final treated
water

4m X 4m X 2m

1.5m X
1.5m X
1m

SLUDGE DRYING BED (6 NOS)