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Effluent Treatment Plant

The University has developed an Effluent Treatment Plant (ETP) to treat wastewater containing chemicals coming from laboratories.

The principle for working of ETP is as follows:

Working Principal of Modal ETP

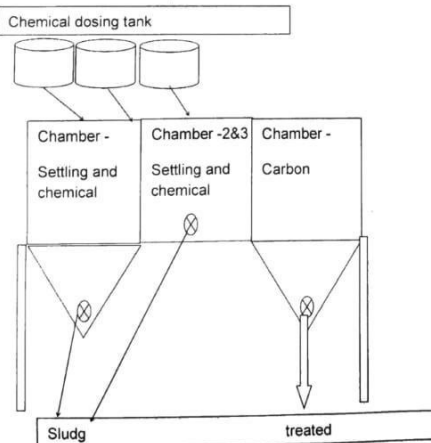
1. This plant is working on the principal of under Gravitational flow.
2. This is physic-chemical treatment. Chemical details mention below :
 - ⇒ Lime :- To maintain alkaline medium.
 - ⇒ Alum :- It will be precipitate the organic and inorganic compound and maintain the pH value 7-8.
 - ⇒ Poly :- It is like a polymer which is attract the small particles and converted to sludge form and helpful for settling.
3. Water goes through the carbon chamber it will be remove color taste, order & suspended particles.

Stage Wise Process

Zone 1 :- Water comes with gravitational flow in chamber- 1 & also chemical goes.

Zone 2 :- Sludge will be settle down in chamber 1 & 2.

Zone 3 :- Treated water pass in the activated carbon zone.



Effluent Treatment Plans behind C.V. Raman Block

