



GURU GOBIND SINGH  
INDRAPRASTHA  
UNIVERSITY

UNIVERSITY WORKS DIVISION  
GROUND FLOOR, LIBRARY BLOCK  
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY  
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## Management of Degradable and Non-Degradable Waste

University has created multiple facilities/mechanisms for handling the degradable and non-degradable waste generated in the campus to become a zero-waste disposing institution.

- Sewage disposal of buildings for both Academic and Residential buildings is through network of sewer lines by gravity flow terminating into 500 KLD Sewage Treatment Plant.
- Sewage Treatment Plant has been designed on modular basis catering to need Phase-I buildings (500 KLD) and extendable in future phase up-to 1000 KLD.
- Sewage after treatment through extended aeration in equalization, aeration & settling and sludge tank is filtered through sand filter and activated carbon filter. The treated water is used for Horticulture purpose through a network of garden hydrants spread over the campus.
- Part of the treated water is further treated in water softening plant to meet the requirements of hardness and supplied to cooling towers of Central Air Conditioning plant and Diesel Generating Set.
- About 100 KL of recycled water is supplied for Horticulture purpose per day and 60 KL is supplied for air conditioning.
- Solid waste generated by various buildings and Horticulture waste is recycled in compost plant installed at garbage shed near STP. The manure produced by the compost plant is used for Horticulture purpose.

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