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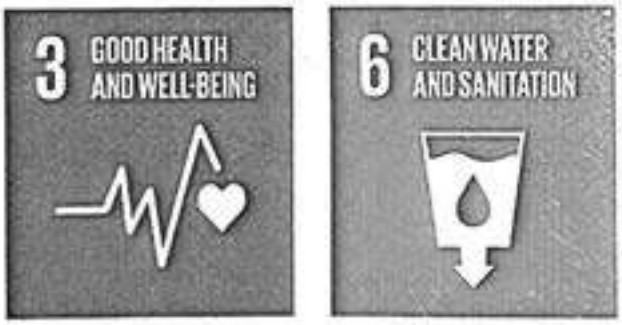
The 14th India-Japan International Conference

BICON-2019

SEPTEMBER 23-25, 2019

SUSTAINABLE DEVELOPMENT GOALS

Emerging Sustainable Technologies and Innovations for Safe Water & Health



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A Review: Waste Water Treatment

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aste water treatment is a process used to remove contaminates from waste water. The treatment of aste water is part of the field of sanitation. Biological process can be employed in the treatment of astewater .Thereare four ways in which a water treatment plant can operate: effluent treatment, ewage treatment, common and combined effluent treatment and activated sludge treatment. Most dustries produce some wastewater. Recent trends have been to minimize such production or to cycle treated wastewater within the production process.

Keywords: Waste Water Treatment, Sanitation, Effluent Treatment.

ntroduction

Today, the world faces a water quality crisis resulting from continuous population growth urbanization, land use change, industrialization etc . It is essential that waste water management be considered as part of an eco system basedmanagement.

Type of waste Water:

Waste water comes in three main types namely black water, gray water and yellow water. This is waste water that originates from toilet fixtures, dishwashers and food preparation sinks. It is made up of the entire thing that you can imagine going down the toilets, bath and sink drains.

Waste Water management: The aim of waste water treatment is to reduce the level of pollutants in the waste water before reuse or disposal into the environment, the standard of treatment required will be location and use specific.

Challenges in waste water treatment: There are many challengefacing waste water treatment plants, these are the four major topic – energy consumption, operators of waste water treatment, sludge production and reducing foot print.

Conclusion

Waste water can be reused to improve the scarce supply of fresh water and hold off future investment in water treatment plants. Waste water management should be done together with environmental and health risk management.

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