

**DON BOSCO INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND  
TELECOMMUNICATION**

**IEEE-DBIT STUDENT BRANCH**

**Seminar Report on “Low Cost Incineration Techniques Of Sanitary  
Waste”**

**Topic:** “Low Cost Incineration Techniques Of Sanitary Waste”

**Date:** 12<sup>th</sup> March, 2019

**Time:** 10:15am – 3:30pm

**Venue:** Seminar Hall, A wing, 3<sup>rd</sup> Floor.

**Speakers:** 1) Mrs. Rashmi Joshi.

2) Mr. Lakshman Singh.

3) Mr. Johnson Varggese

**Discription:**

The seminar which was held addressed particularly the problems and techniques of incineration of sanitary waste. It highlighted mainly on how preventable measures can be taken to develop sustainable ways of incineration and disposal of sanitary waste. In India 9000 tones of waste gets generated every year among which huge amount is sanitary waste that is almost 90%. Thus in this seminar the speakers addressed on how the disposal of sanitary waste can be done by implementing techniques like an incinerator which is particularly designed for the disposal of sanitary waste. But as every “pro” has a “con” this machine which was explained too has drawbacks such as high chances of plastic getting

stuck to the cylinder , bad odor and after incineration how the ashes could be taken care off is also a big concern due to exhaustible gases. Thus as engineers how can we overcome these drawbacks and design or modify a machine which is so reliable that can help prevent waste to get collected and can help make the environment safe and sound was the focus of this seminar held. To start with people with great experience who have really taken steps towards bringing this peoples notice were called to give in their inputs as how we can help and take measures towards various problems. The speakers were:

**1) Mrs. Rashmi Joshi :**

Mrs. Rashmi Joshi is an Independent consultant at solid waste management who has been awarded the “Nari Swashakti Puraskar” and was felicitated by “Thane municipal Co-operation” for E-waste management awareness sessions. Mrs Rashmi began her talk by briefing the students about what is sanitary waste and how as an individual we can take more measures to dispose of this waste carefully and prevent it to get collected. She then gave inputs on how to control sanitary waste. It was an interactive session, thus many questions like: Where the waste can be collected, how it can be segregated from the other waste and how it can be disposed more safely without causing any harm to the surroundings were addressed. The students were asked to give their inputs as well after which she concluded with her talk.



## 2) Mr. Lakshman Singh :

Mr. Lakshman Singh is the co-founder and partner of “Tendrill Products”. Tendril products is a manufacturer and supplier of sanitary napkin vending and incinerator machines from Navi Mumbai. It was established in 2015. Tendril believes in making clients for life and ensuring that regardless of the city area or state the product shall be serviced at all costs because SHE has the right to smile and lead a healthy life. To start with Mr. Laksman Singh spoke about the project

undertaken by Tendril in Dharavi that is reaching out to the women in that area and provide sanitary napkins to them at an affordable price. He highlighted that how sanitary waste issue is not only a matter of discussion for females but also a severe matter that has to be made aware to almost the entire community in order to help find more reliable solutions and reduce the problem. He also discussed how government bodies are taking preventive measures for the safe disposal of sanitary waste.



3) Mr. Johnson Varghese:

Mr. Johnson Varghese is a professor at DBIT Mechanical department. Mr Varghese briefed the students on incinerators. He spoke about how the incinerators are designed and feasible for the disposal of sanitary waste. The briefing of entire designing of the machines and the drawbacks that is the pros and cons were highlighted in his talk which then concluded by a presentation given by the mechanical department students who spoke on sanitary waste control measures and survey or analysis conducted by them within the college itself .







**Vote Of Thanks:** Mr. SEBASTIAN MANNARUPARAMPIL (SE-EXTC)

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