## **IJARSCT**



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 5, Issue 1, February 2025

## Generate Electricity by using Waste Material

Sejal Anil Thakare, Priyanka P Pawar, Priti V Kulmethe, Shruti S Pawar, Suchiket S Jadhao

Jagadambha College of Engineering & Technology (JCOET), Yavatmal, India

Abstract: The gigantic growth in the amount of waste materials produced in India and their potentially dangerous results in the environment and human health Which have led to create several disease in Human bodies, So we need to ingurgitate scholarly methods for safe arrangement of garbage. This is an innovative idea of generating electricity Using solid waste. Which lead to decrease pollution by stoping to produce almost all dangerous gasses like CO2,CO, SO2,NO2 and Heavy metals such as mercury to a huge number. With a population of millions India produces large number of waste every day to Contemplate about this idea. So, we felt that it is valuable working on this project and it is high time to inject the idea of Waste to Energy in India. Firstly, a map plan was carried out for research to collect the fact of total waste generation in India. During this research it was found that some locals were generating electricity using this process ago which encouraged the researchers to carry forward this Project.

DOI: 10.48175/568

Keywords: Solar Panels, Heating Sensor, Electrostatic Precipitator, Voltage Stabilizer

