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Report on

SMART GARBAGE SEGREGATION PROJECT

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

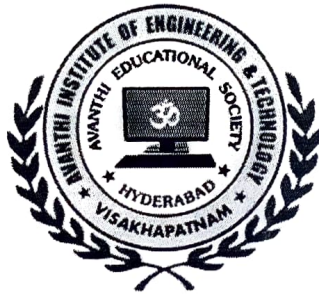ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(SMART GARBAGE SEGREGATION PROJECT)

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SMART GARBAGE SEGREGATION PROJECT

ABSTRACT

Nowadays, population is increasing with increase in waste generation. Waste generated in India is in range of 200-870gram per day and it's rate is rising by about 1.3% per capita per year in India. people thrown the waste around the garbage bins, the bins are getting over loaded with trash. Some of the materials present in wastes have market's, so it is expedient to take them out of waste for reuse and recycling. This is possible only if waste is segregated. The proposed system separates the waste into three categories namely wet dry and metallic waste. Each of the waste are detected by the respective sensors and gets segregated inside the bins. So now implementing a smart segregation which is a cheap, easy to use solution for a segregation system at households, so that it can be sent directly for processing. It is designed to sort the waste into individual waste like wet waste and dry waste.