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Electricity Generation by Waste Material

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Abstract: ***The mighty growth in the amount of waste materials produced in India and their potentially dangers in the environment and human health which have led to create several disease in Human bodies. This is an novies idea of generating electricity Using waste material 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.***
Keywords: ***Small solar panel, Thermoelectric generator, Tubelight sensor, Transistor BC547, Diode 1N4007, LED, 10k and 1k Resistance, 12 volt to 230 volt converter.***

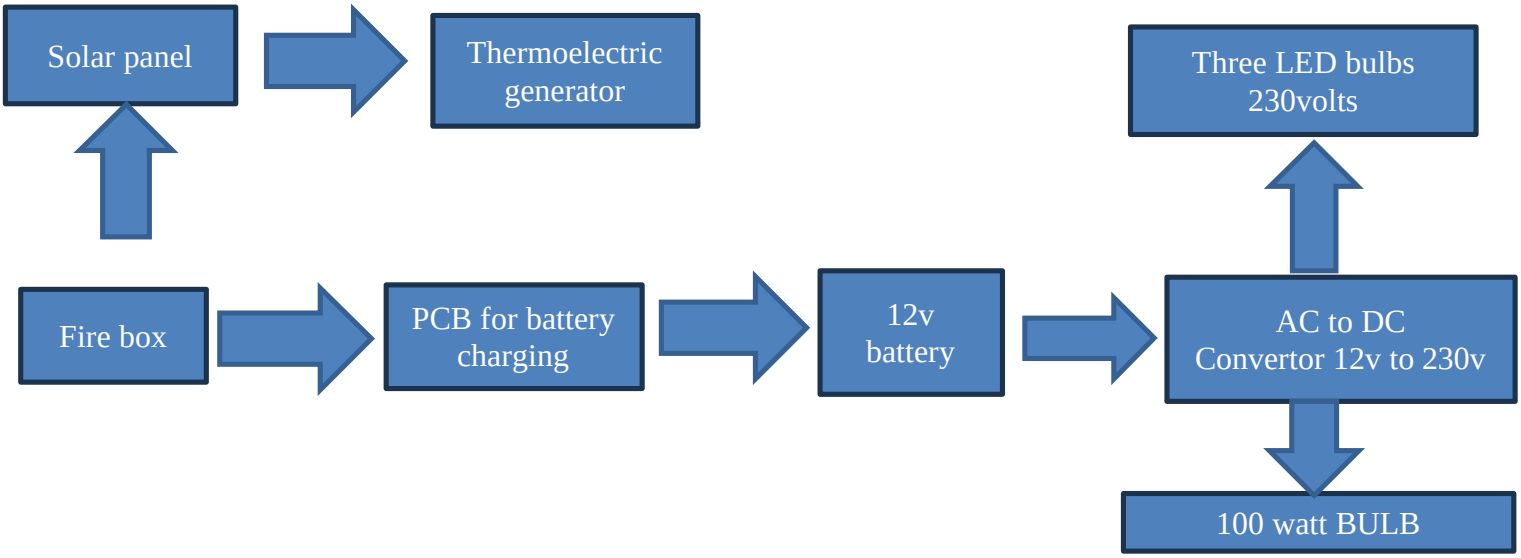
I. INTRODUCTION

The purpose of making this project is two generate electric energy from waste material such a plastic, rubber, waste, etc. and to convert that less electricity energy into more high power electricity energy. Normally waste is any undesirable substance which has been obtained as a outcome of all those human and animal activities. The larger amount of waste can generate a large amount of heat energy by burning it in a controlled manner in this process we generate electricity by burning waste that is collected from the door to door, mostly house waste, the demand of electricity is increasing day by day does the necessary to find out the different type of source which can be used as input in production of electricity especially for developing countries like India

II. LITERATURE SURVEY

Waste to Energy generation is basically a form process for the generation of electricity directly or through heating first in both process we get Electricity as an output to use for the process. Is process is basically completed in 3 steps and in last step we get the output All these steps involves firstly waste materials is been collected from door to door from every places which is been useful for a long time After which in second step this waste material is been purified according to their calorific values and then in third step this waste is been burrned out in a container where heat is been generated and in result we find to get Electricity as an output. Compared with other form of technology this is most attractive method of generation of electricity because of low cost, low pollution and easy way.

III.METHODOLOGY



Block diagram of electricity generation by waste materia

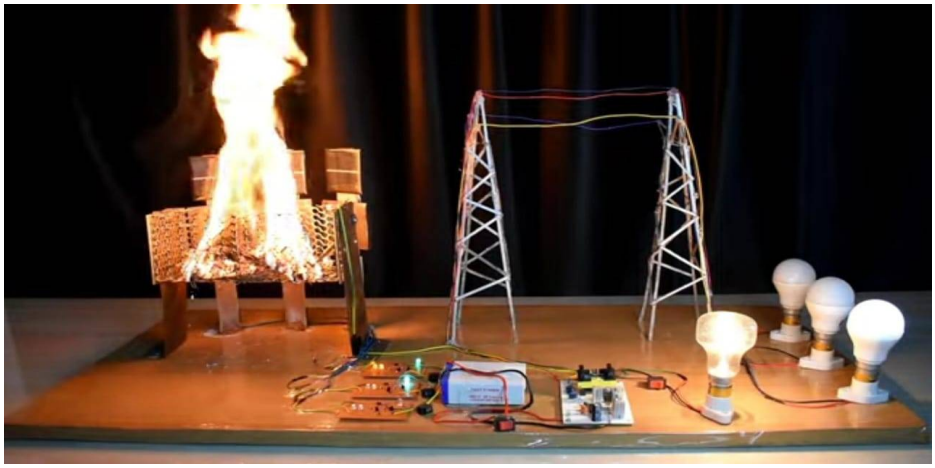
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In this Block Diagram you can see when we burn waste materials and fire box then heat generating and heating panel starts to heat convert electricity and after that that electricity we can see by LED Bulb glowing and that electricity go to circuit and after that in battery and start storing power and when electricity store in battery then heating sensor turn on the output power supply and LED Bulb start glowing and smoke go to water tank and filter system start controlling pollution.

IV. CONCLUSION AND FUTURE SCOPE

In This Project we show How to Generate Electricity by waste materials is successfully and we show in project how to control pollution by Pollution control filter, When we making complete our project then we check it's full working, that time he's working is very good without any problem So our Project is best for working and Showing, How to Generate Electricity by Waste materials .From this project we generate electrical energy from waste material with minimum pollution is about 50%. Because of this project 1250 hectares of land is save from storage of wastage.

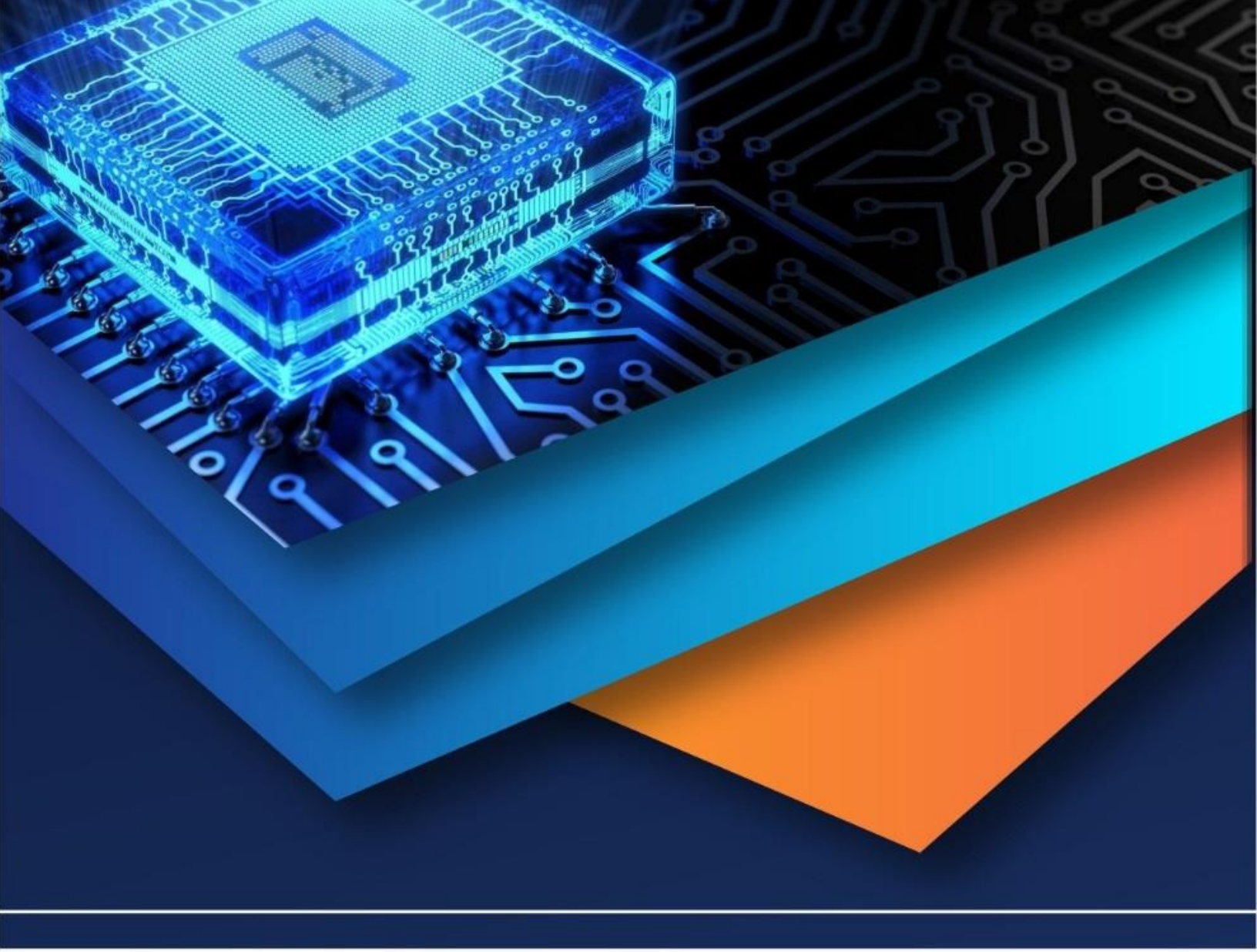
V. RESULT



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