



FABRICATION OF BRIQUETTE MAKING MACHINE

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Introduction

Briquettes are a bio fuel substitute to coal and charcoal. Briquettes are mostly used in the developing world where cooking fuels are not as easily available. Briquettes are used to heat industrial boilers in order to produce electricity from steam. The briquettes are con-fired with coal in order to create the heat supplied to the boiler. People have been using briquettes since before recorded history. Briquettes are made from agriculture waste and are a replacement for fossils fuels such as oil or coal, and can be used to heat boiler in manufacturing plants. Briquettes are a renewable source of energy and avoid adding fossils carbon to the atmosphere. There is a tremendous scope to bring down the waste of convention energy sources to a considerable level through the development, propagation of non-convention briquettes technology i.e. briquettes machine ,briquettes plant, biomass briquettes plant for production of agro residue briquettes to meet thermal energy requirement .

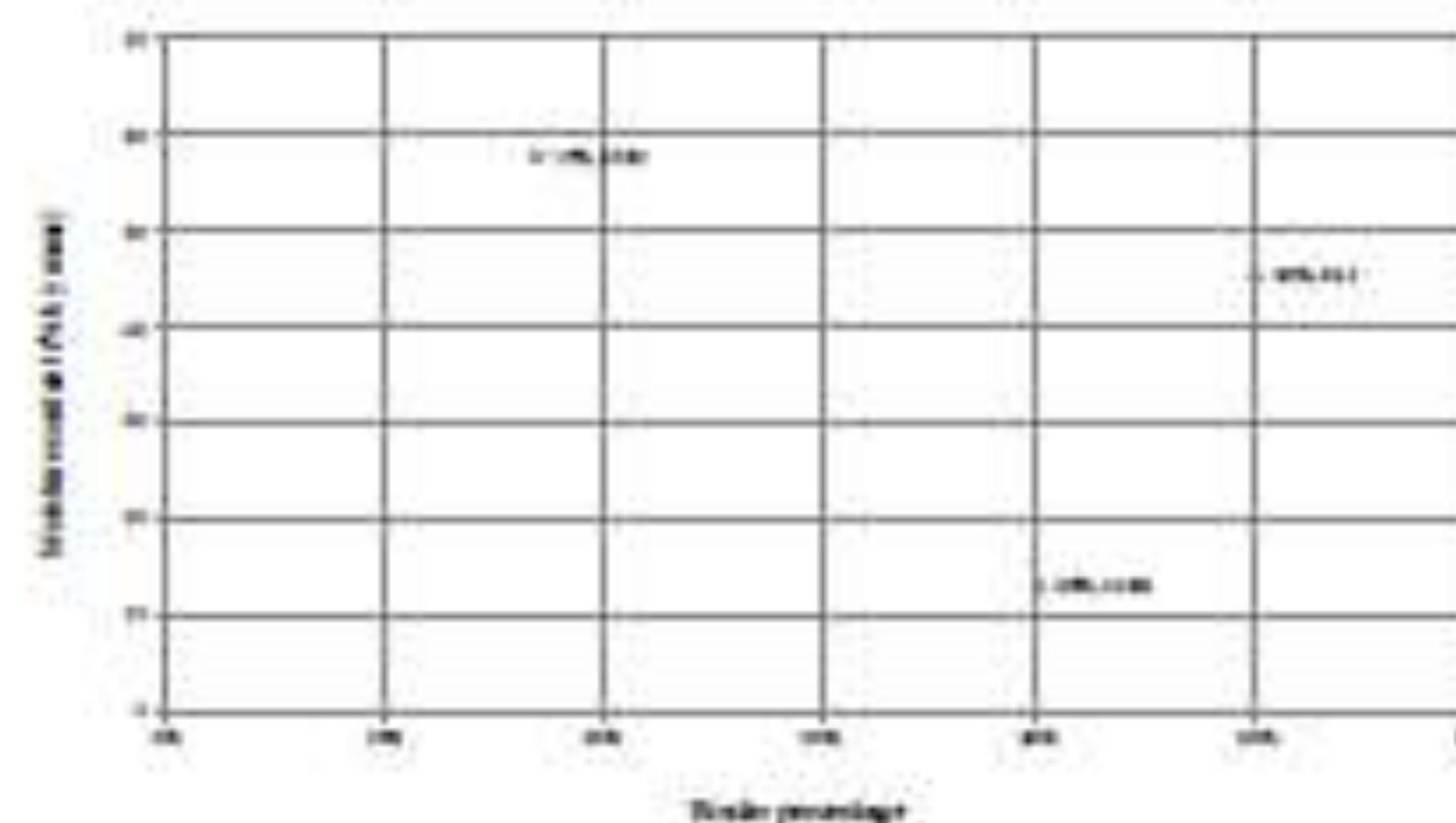
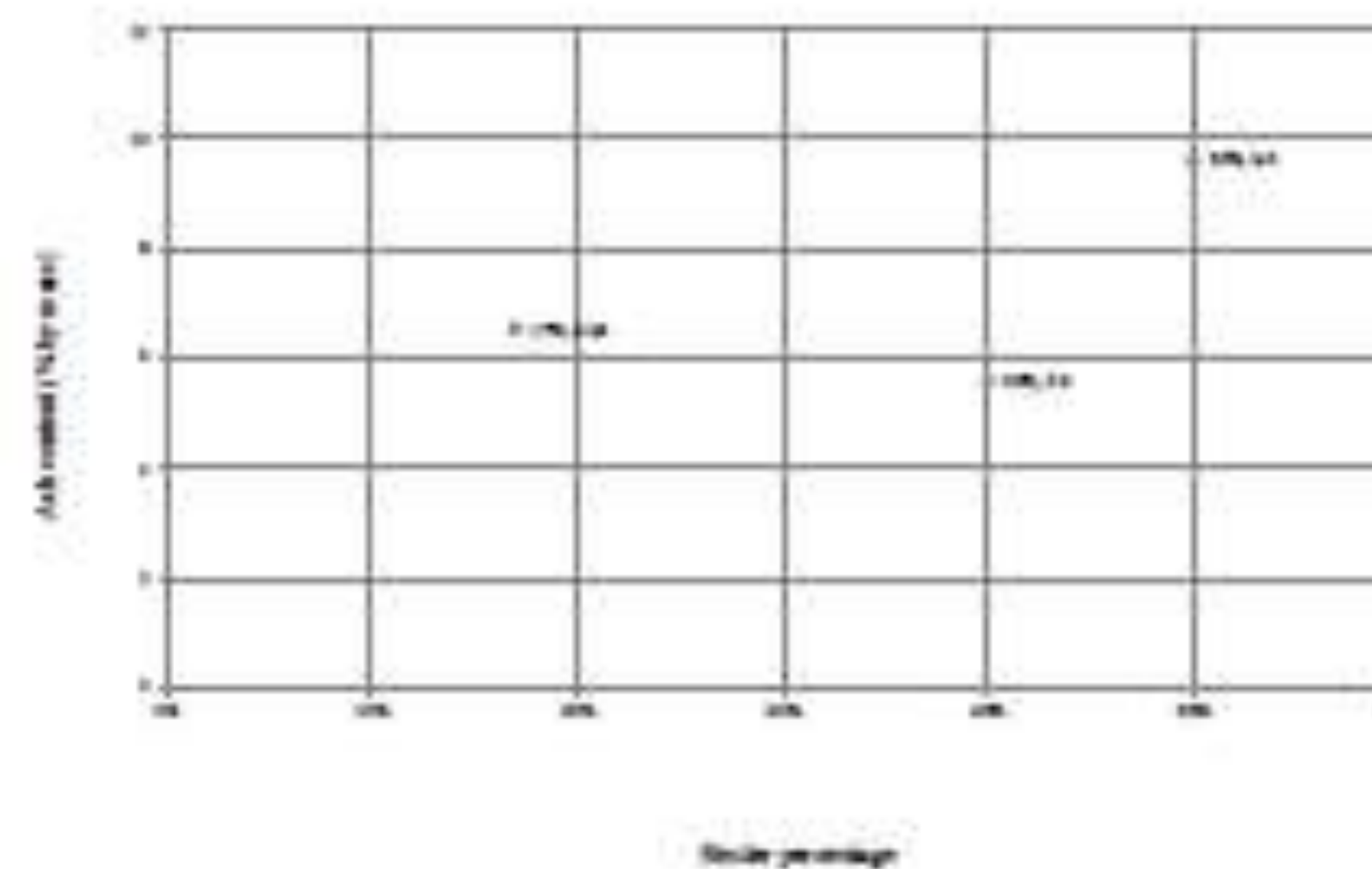
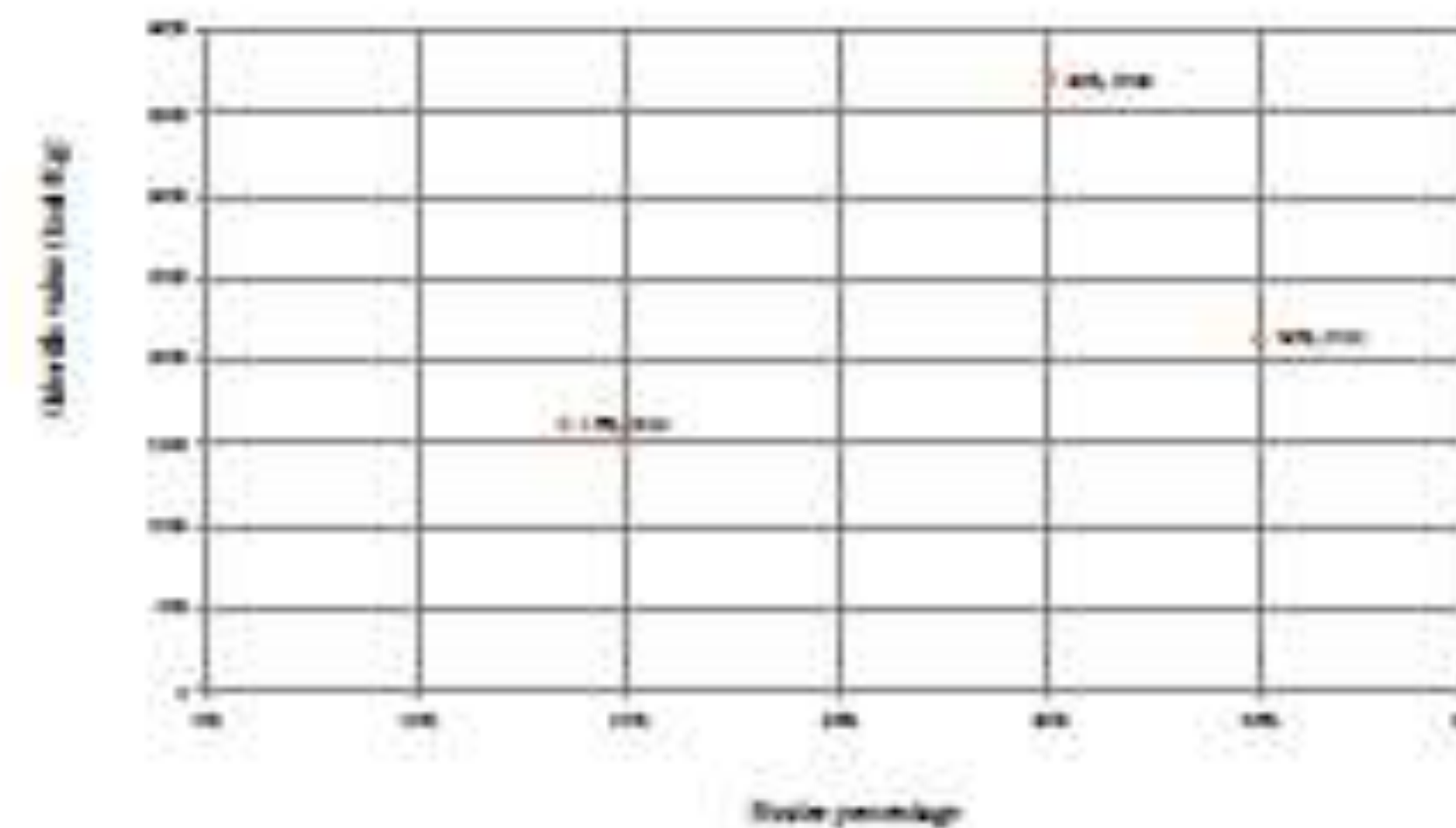
Objectives

- To build up a briquette without using electricity.
- To prepare a briquette of high calorific value.
- To create a briquette of less cost per unit.

Methodology



Results and Discussion



Images



Conclusions

- It can be concluded that waste material like dead leaves, dead grass, saw dust & cow dung is better binder for biomass briquetting. Among that sample 1 is better one rather than other samples.
- For an agrarian country like India that produces huge amount agriculture waste every year, use of these wastes as briquettes can be an economically viable, sustainable and environment friendly solution.

References

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