Abstract

The objective of this research, reported in this paper has been put forward as, the development of different briquettes using briquette press, chemistry of different briquettes, performance of the gasifier with briquettes. Composition of the syngas or producer gas produced using briquettes and comparison with ordinary fuel and heating value of syngas on various parameters (compressive strength, pyrocracking temperature etc). Quality/Properties of briquettes. Apprreciable increase in the calorific value of syngas was achieved by supplying briquette of saw dust and cyclone dust(by-product of syngas)


Index Terms

Computer Science  Information Sciences

Keywords

Biomass  Gasifier  Calorific Value Briquettes