

*A project report on*

**“DESIGN AND DEVELOPMENT OF ECO-FRIENDLY COMPOSITE  
BIO-MASS BRIQUETTES”**

**Under the sponsorship of**



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## **ABSTRACT**

Food is one of the basic needs to survive. For preparing food we must need some sort of heat energy. Stove (Chula) is a device used for cooking. The commonly used methods for cooking purposes are LPG and other petroleum products, electricity, but all these are unsustainable and costlier. Sun is also a source of heat energy which is sustainable, but it is not available at all time. A variety of bio-mass is used as fuel for cooking. Bio-mass can be sourced from various types of plants and in many forms such as trunks, branches, sticks, twigs, leaves, bark, saw dust etc. Bio-mass is used in large scale because it is easily affordable and instantly utilizable. Therefore a study is carried to serve mankind especially in rural part of India by understanding the solid fuel and its advantage.