

**Approved by K.S.C.S.T
PROJECT WORK
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590 010**



**A PROJECT REPORT ON
“DESIGN AND FABRICATION OF COIR PITH
PREQUETTING MACHINE”**

**Submitted in the partial fulfillment of the requirement for the award of
DEGREE OF BACHELOR OF ENGINEERING**

in
MECHANICAL ENGINEERING

Submitted by

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SYNOPSIS

Small scale industries play a major role in the economic development of India. To enhance its growth and to effectively utilize the renewable energy, waste products to be reused one such product is coir pith.

Coir Pith is the spongy, peat like residue from the processing of coconut husk and it is pressed to required thickness in order to make it as pith briquettes. Coir is mainly used in exporting and in agricultural field, as it is good absorbent of the water. It maintains the moisture content of the pith to enhance the quality of the product.

The purpose of this project work is to design and fabricate **“COIR PITH PREQUETTING MACHINE”** for maintaining the growth of the plants in the potting medium with less consumption of electricity and labors .

Coir pith is a useful product to produce better yield in the field of agriculture and in home nurseries. This is a new technique proposed in this project work help to develop the product with less consumption of electricity and labors. The fertile growth of plants during the summer season, in dry lands and also at the time of efficiency of minerals in the soil can be avoided using coir pith product.