

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM**



A Project Report on

“PORTABLE GROUNDNUT STRIPPER”

Submitted in partial fulfillment of the requirement for the 8th SEMESTER of

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING
BY**

BHANUPRAKASH H.S	(4GH07ME004)
HARISH D.S	(4GH07ME017)
KARTHIK G.C	(4GH07ME022)
SAHEBAGOUD.SANGANAGOUDAR	(4GH07ME035)

Carried out at
Government Engineering College, Hassan

Under the guidance of
Mr. NAGARAJA B.E., M.TECH
Selection Grade Lecturer
Department of Mechanical Engineering

**DEPARTMENT OF MECHANICAL ENGINEERING
GOVERNMENT ENGINEERING COLLEGE**

HASSAN - 573201

2010-2011

ABSTRACT

This project aims at design and fabrication of Portable Groundnut Stripper. The proposed project is intended to separate the groundnuts from the groundnut plant.

The machine has one slider, stepper metal blade, AC motor, one metal plate with holes and one metal plate without holes, supporting stand for motor, wheels for easy movement of the machine.

In this machine the groundnut plant will feed to the blades with the help of slider by manually. Then the rotating blades will separates the groundnuts from the plant by cutting their smooth roots. Later the groundnuts will drop on the inclined metal plate which has several holes, then all the wastage will go out through the holes and only good quality groundnuts will come out.

Now a days, our farmers are facing labourers problem to separate the groundnuts from the groundnut plant. By using this machine only one man can do the work of five to six peoples. So, this machine will vanish the labourers problem. Therefore, it is a time saveable machine. And it is very small in size and it has very less weight so, it is very easy to carry the machine from one place to other place. Hence, this machine is most helpful to our farmers to get more profit.