PROJECT REPORT

ON

DESIGN AND FABRICATION OF DRY COCONUT SHELL BREAKING MACHINE

A dissertation submitted by

Ranganath.P (4MC10ME083)

Sujay B S (4MC10ME105)

Vinay kumar.K.S (4MC10ME115)

Yashawanth K S (4MC10ME121)

Under the guidance of

Mr.M.G.VASUNDHARA

Assistant Professor

Department of Mechanical Engineering

MALNAD COLLEGE OF ENGINEERING

(An Autonomous Institution Under VTU, Belgaum)

PB#21, HASSAN - 573202, KARNATAKA, India

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ABSTRACT

Agriculture is the backbone of India. The agriculture field produces lot of products such as rice, sugarcane, turmeric, cereals, coconut, etc. In that coconut is one of the most important product. Coconut plays an important role in the economic, social and cultural activities of millions of people in our country. India is a major producer of coconut in the world. The coconut is one of the major sources for several agro-based industries. Wide ranges of products obtained from coconut are coconut oil, rope, buttons, chocolates, cookies and several other domestic uses. All parts of coconut tree is useful in one way or other and the crop profoundly influences the socio-economic security of millions of farm families. Now-a-days agricultural field faces the scarcity in workers. Due to shortage of labors, time consumption is more and wages for labours are high. The total production of coconut in 2007 was 515,000MT out of which 470,000MT are used by coconut oil industries. Coconut oil extraction involves dehusking the coconut, breaking it into two halves, deshelling the coconut and extracting the oil from the kernel. The most of the above processes are performed manually. Hence a innovative technique implemented to remove the shell from the dry coconut shell, thereby reducing the manual labour.