

# FABRICATION OF CHAFF CUTTING MACHINE

22

A project report submitted in partial fulfillment of the requirement for the award of  
degree of

## BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

Submitted by

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**AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Accredited by NBA, NAAC with B<sup>+</sup> Grade. And permanently affiliated to Jawaharlal Nehru Technological  
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**Tamaram, Makavarapalem, Narsipatnam(RD), Visakhapatnam -531113**

(2015- 19)

# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## DEPARTMENT OF MECHANICAL ENGINEERING

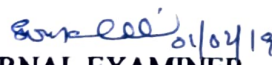


### CERTIFICATE

This is to certify R. POOJA (15811A0370), SAI JAGANNADHA SAHU (15811A03B8), P. VINODH KUMAR (15811A03A2), P. PREM KUMAR (15811A0396) of final year engineering have done their project work on “**FABRICATION OF CHAFF CUTTING MACHINE**” at AVANTHI INSTITUTE OF ENGINEERING TECHNOLOGY, Narsipatnam in partial fulfillment of the requirements for the award of degree of “**Bachelor of Technology**” in “**Mechanical Engineering**” to JNTUK University , during the academic year 2015-2019. The result embodied in the project report has not been submitted to any other institute for the award of any degree.

  
INTERNAL GUIDE

  
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EXTERNAL EXAMINER

## ABSTRACT

Chaff cutter is a hay or straw cutting machine which is used in uniform chopping of the fodder for livestock or raw material to agro industries. The various types of fodder can be processed in this machine are forage grass, green grass, dry corn straw, and wheat stalk. The final products can be used to feed cattle, goats, deer, and horses. It can also process cotton stalk, bark, small branches, they can also be used to generate electricity, and to make paper. Chaff cutters have developed gradually from the basic machines into commercial standard machines that can be driven at various speeds so as to achieve various lengths of cuts of chaff with respect to animal preference type. New chaff cutter machines consists of portable tractor drive chaff cutter - where chaff cutter can be in the field and load trolleys