



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

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Fabrication of Plastic Shredder for recycling of Plastic waste

Event Type : A Plastic Shredder machine was fabricated and demonstrated by the Mechanical Department students and is handed over to the Prakruthi Club for recycling of Plastic waste in the campus

Date / Duration : 27th August, 2021

Resource Person : **Project Supervisor**

S. SRINIVASA REDDY

Project Batch Members

16761A03F5

16761A03E3

16761A03F2

16761A03C8

Target Audience : Prakruthi Club members

Total no of Participants: 15

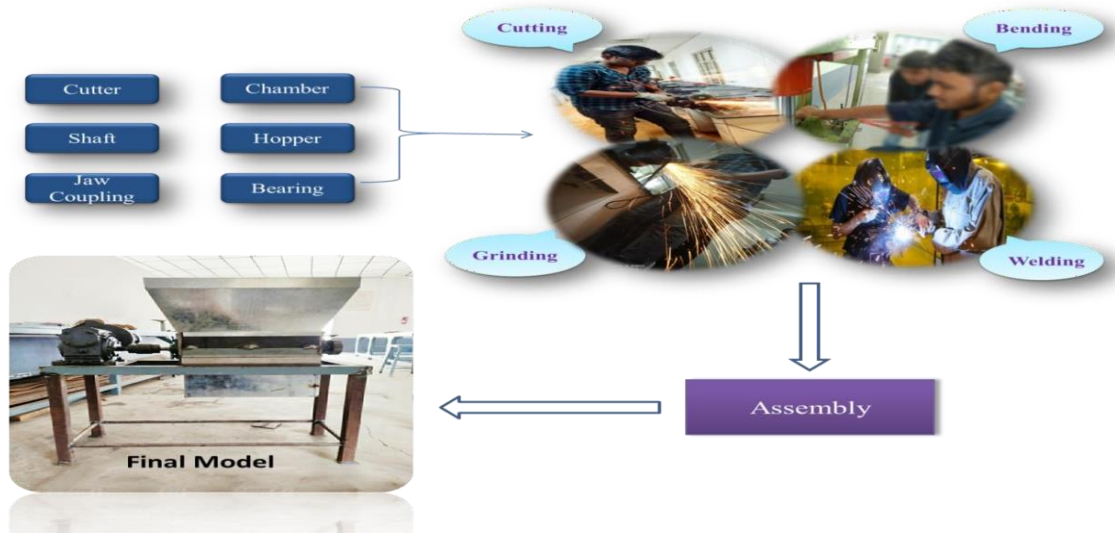
Objective of the event : Plastic recycling

Outcome of event : Reducing plastic waste in the campus

Description / Report on Event:

A demonstration was done by the project supervisor S. Srinivas Reddy. Sir explained plastic shredder is a machine used for splinting the plastic into tiny pieces that makes waste management smoother. This project targets the recycling of the plastic waste in domestic areas, industries, etc. In these areas, the presence of plastic that can be recycled is in large quantities, but the available machinery to recycle this waste is very costly, which in turn makes packaging and transporting much costly. So the main motive behind this project is to process the plastic waste as cheap as possible by shredding which minimizes the cost of processing and transportation. This machine consists of a motor, gearbox, bearings, structural frame, blades and dual shaft.

Photographs :



PLASTIC SHREDDER

Mentors

Dr. SHAHEDA NILOUFER

V. BHAGYA LASHMI