Department : **Mechanical**

Year : **2017-2018**

Group No: **18**

Guided By

PROF. NITIN AGRAWAL

SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA

Project Title

DESIGN FABRICATION OF WAX CUTTING MACHINE

Abstract:

In industry at present uses the traditional method of cutting wax using long knife manually which involves more human effort, time taking process and the output of cutting process is not meeting the required level of size leading to long melting time, wax wastage, possibility of contaminated particle being added in the paraffin wax. All such factors affect the entire productivity of the company and quality of the product. In order to overcome such problems encountered in the industry, it is intended to design an innovative machine on considering engineering design approach seeking to produce fine output of paraffin wax by which the process can be improved in all the phases, eventually the productivity of the company is expected to be increased. This work aim that innovative design and fabrication of paraffin wax cutting machine is an attempt to solve problems encountered in kromoto industry in Dire Dawa, Ethiopia interns of simplifying the process of cutting paraffin wax. Solid woks simulation software can be used to model and simulate the machine that can be designed and fabricated.

Prepared By:

Sr. No.	Student Name	Enrollment No
1	NIKUNJ S. PATEL	110780119045
2	SIDDHARTH S. PATEL	120780119052
3	SANATAN K .DARJI	130780119011
4	VIPUL A .PRAJAPATI	130780119087