

ABSTRACT

Peeling a variety of vegetables is an inevitable need. Vegetable peeling Processes face a wide range of problems, like being time-consuming and become inefficient during weekly breakdown maintenance. It is very important for the food processing industry as well as from a domestic point of view. Mechanization of processing operations will play a vital role in removing the negative attributes of traditional processing techniques and promote timely large-scale production with the desired quality. This project shows the chronological development of mechanical peeling and also highlights the new concept of a vegetable peeler, which would be the basic requirement under breakdown maintenance. The purpose of our project is to design and fabricate the prototype of a peeling and cutting machine. It is aimed at providing a base for the commercial production of a peeling and cutting machine, using locally available raw materials at a relatively low cost.