

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELGAUM – 590 014



**A  
PROJECT REPORT  
ON**

**CONSTRUCTION OF AN  
AUTOMATED PACKING MACHINE**

(Sponsored by K.S.C.S.T)

**Submitted in partial fulfillment of the requirements  
for the award of degree of  
BACHELOR OF MECHANICAL ENGINEERING**

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## ABSTRACT

1 [Aesthetics and hygiene play a very vital role in deciding the product life management of FMCG products in the global consumer market. These two factors can be enhanced by implementing various <sup>new</sup> food handling techniques, and by using standard food packing techniques before releasing the food products for sale in the consumer market.]

2 [Though the <sup>techniques</sup> ~~above principles~~ are well known to <sup>many</sup> all food and food products manufacturers, the problem in adapting these techniques in real time conditions is the cost parameter. The ~~very basic cost of a low capacity packing machine~~ <sup>is quite expensive</sup> in today's market conditions ~~is~~ <sup>s</sup> around US \$ 750. This makes the packaging machines affordable only to medium and large scale enterprises, while the small, home and cottage industries still rely on the very same manual methods of packaging, thus hindering their production rate in spite of good demand for their products in the market.]

3 [This explains the need for an ultra low cost packaging machine, which can effectively handle large numbers of quantity, increase the level quality, and yet be economical and affordable.]