

**A PROJECT REPORT**  
**ON**  
**QUICK CHAP- AN INSTANT CHAPATHI MAKER**  
**SUBMITTED IN PARTIAL FULFILLMENT OF THE DEGREE OF**  
**BACHELOR OF ENGINEERING**  
**IN**  
**MECHANICAL ENGINEERING**  
**OF**  
**VISHVESHWARAAIAH TECHNOLOGICAL UNIVERSITY**

**SUBMITTED BY**

**Mr. SHARATH H.S (1AY05ME046)**

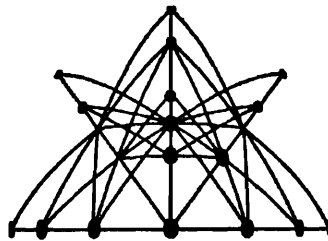
**Mr.KESHAV MURTHY H.G (1AY06ME401)**

**Mr. MAHESH B (1AY05ME021)**

**Mr. ASHWIN S.A (1AY05ME004)**

**Under the guidance of**

**Mr.Lokesh T, M.TECH, (PhD)**  
**Asst Professor**  
**Department Of Mechanical Engineering**



**2008-2009**

**Department Of Mechanical Engineering**  
**Acharya Institute of Technology**  
**Soladevanahalli, Bangalore-560090.**

## **ABSTRACT**

Mechatronics is the complete integration or adoption of electrical, computer technology, information technology and control engineering with mechanical engineering. Mechatronics plays a very crucial role in the design, manufacturing and maintenance of wide range of engineering products and processes. As a consequence of this it has become necessary for engineers and technicians to have skills and knowledge that are confined to a particular field or area of specialization.

Mechatronics is enabling discipline, has emerged to cater to the need of sophistication and flexibility in the system, and in fact has become a preferred for current generation for real-time automation and control solutions in place of traditional systems.

One of the major practical applications of Mechatronics is in Food Processing Industry. Mechatronics this industry makes the interventions of human into the system very less, by adopting modern programming methods. As the time factor is very important in food processing industry i.e. to get maximum output in a very short span , mechatronics is the best suited way to achieve it. And when it comes to quality in this industry it must be of certainly very good, which is again can be achieved only by this technology. The hygienic factor is also very important which is achieved in our project by using non toxic substances in the system. The cleaning and maintenance of the parts in food processing equipments is of prime significance which is achieved in our equipment.