**Chapter 6**

**Results and Discussions**

* 1. **Results**

Human employees don’t get replaced by robotic arms in pick and place operation but they are freed from repetitive and injurious task and work can be done with higher skills, positions that requires decision making.

The result is all the robots that works efficiently and quietly would create opportunity for a company to create value in products. Advantage in automation will affect every level of production and cost of product, warranty replacement and repairs, defects would reduce.

Robotic arm would no longer exist in the automotive plant or large industrial operation but will be used in various field like agriculture, aviation, postal service, warehouses, recording studio and thousands of other applications.

Consistency reflects the highest value of robotic arm to pick and place operation. While a human employee can be reliable and get work done, they don’t have mechanical time. Nobody needs to run test of man vs machine to see which, one performs faster because faster isn’t the goal.

* 1. **Analysis**

Today we have found most robots working for people in industries, factories, laboratories, and warehouses. Robots are useful in many ways. For instance, it boosts economy because businesses need to be efficient to keep up the Industry Competition. Therefore, having robots helps business owners to be competitive, because robots can do jobs better and faster than humans can e.g. Robots can build, repair, weld and assemble a car faster than humans. Yet robot can’t perform every job today role of robots includes assisting research and industry development. Finally has the technology improve there will be new ways to use these robots which will bring new hopes and new potential.