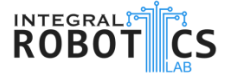




INTEGRAL ROBOTICS LAB
INTEGRAL UNIVERSITY LUCKNOW



BACHELOR'S THESIS

Claw – The helper in the manufacturing industry

Project Description:

Our goal is to develop an end effector which can be very helpful in the field of manufacturing and in gripping the items in industries. Where some engineers face some difficulty while maintaining the stand-off distance during the welding, our claw will help to achieve this in a very easy manner.

Tasks Involved:

Basically, first, we are going to design the line structure of the claw, after that, it is to be converted into a 3-D design and into physical existence with the help of a 3-D printer and placing servomotor for their working.

We will be using Software like SolidWorks, AutoCAD, and Robot Studio.

Supervisor:

Dr. Sumita Chaturvedi
Assistant Professor
Integral University, Lucknow, U.P.

Start Date: 13/Oct/2022.

End Date: 30/ Mar/2023.