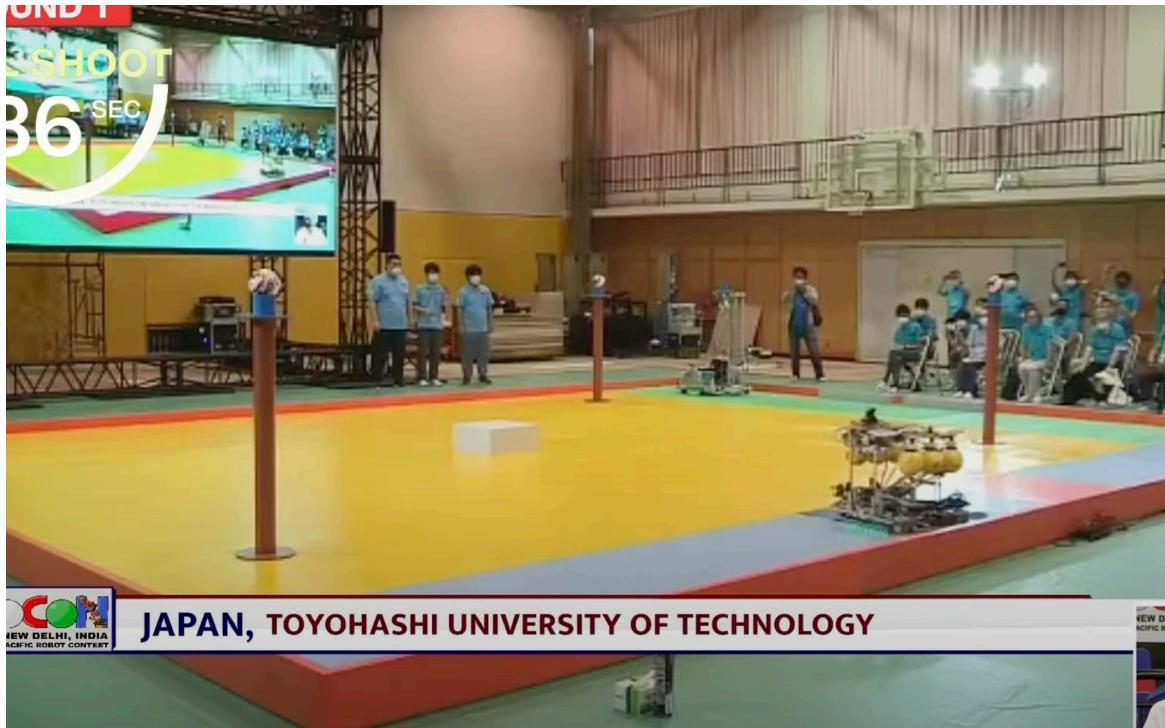
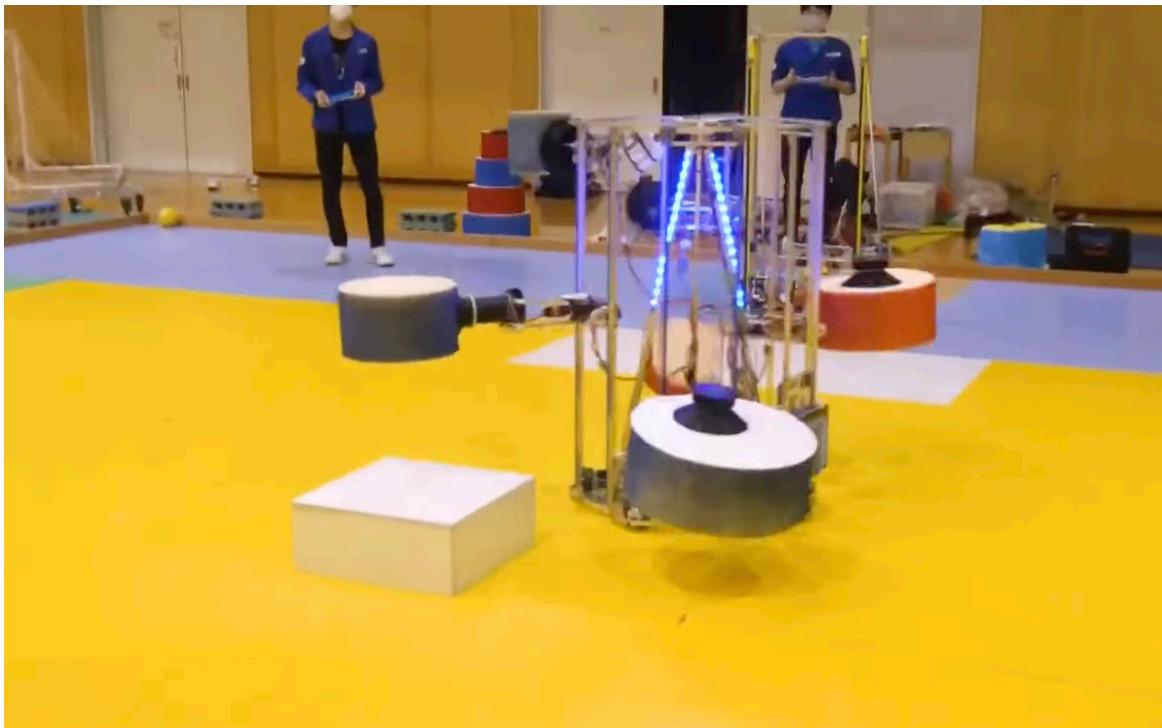


Toyohashi University of Technology

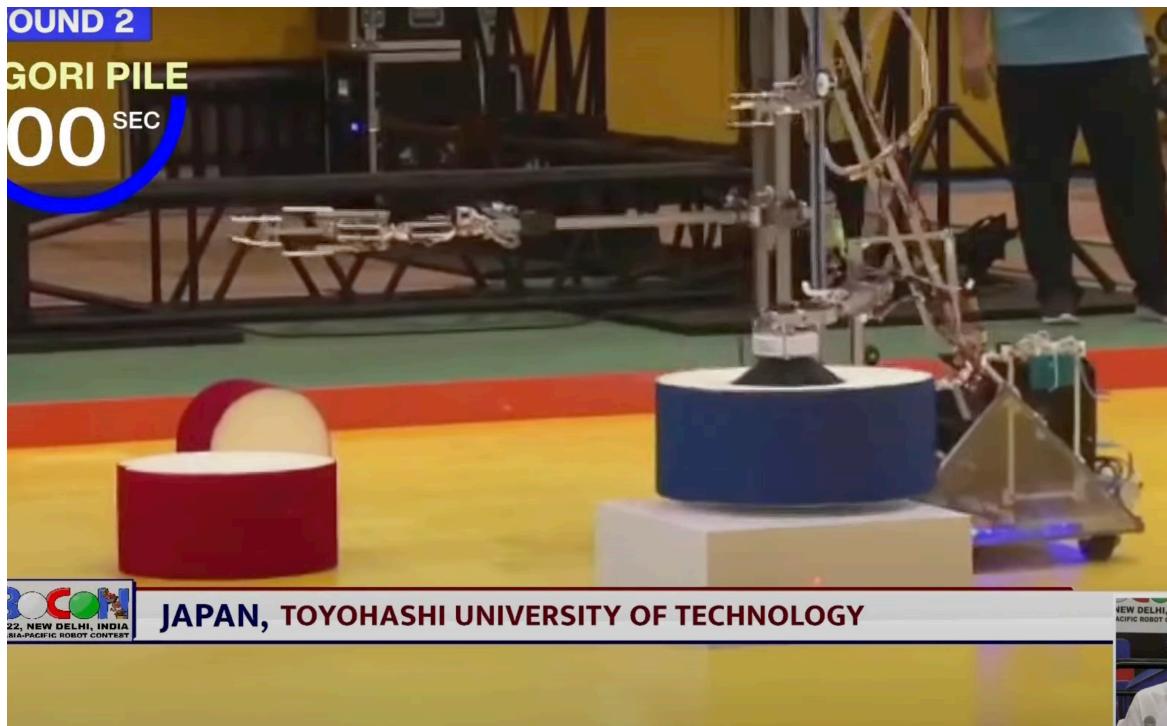


Toyohashi university of technology, Japan-

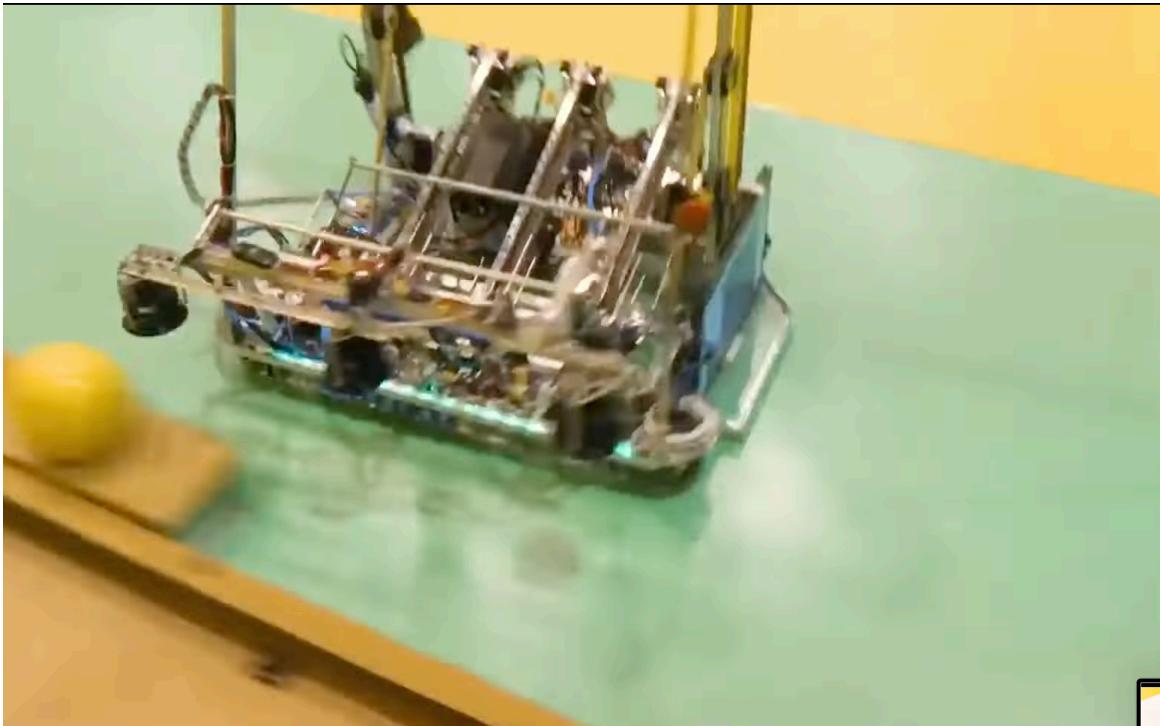
They used two robots to complete the tasks. They are also well known for their innovations in robotic field.



This robot was responsible for stacking up the lagori. They used some interesting concept on their robot. Suctions were used to pickup the blocks and stack them up. It was something different from all other robots.



They used the combination of suction and mechanical arm. Which increased there efficiency. The suction is only used to stack the base and rest of the blocks is stacked by the mechanical arm.



In this picture we can see the other robot. It also uses the same principle same as the previous robot, it uses suctions to grab all the six balls at the same time and then bring back it to the shooting zone.

Mainly it uses slingshot type of mechanism to shoot the balls.

THE PERFORMANCE-

In the round 1, we can see the robots was not on point. The sling shot mechanism was not so accurate. It missed the poles in the starting.

But the idea they used was good. The time they used to collect the balls was very less and if the aim would be correct too. There robot would be one of the vest one there.

In round 2, the performance of the robot was not so good as expected.

The synergy between both of the mechanisms, the suctions and the mechanical arm was not good. They were only able to stack 1 block completely.