

**RMD SINHGAD SCHOOL OF ENGINEERING,  
WARJE, PUNE-411058.**

**COMMITTEE ACTIVITY REPORT A.Y. 2021-2022**

**Report on –“Webinar on ROBOTICS”**

<b>Sr. No</b>	<b>Event Details</b>	
<b>1)</b>	<b>Name of Event</b>	<b>ROBOTICS</b>
<b>2)</b>	<b>Institute name</b>	RMD sinhgad school of Engineering.
<b>3)</b>	<b>Date, time and Venue of Event</b>	21 <sup>st</sup> August, 10:00am-11:00am Google Meet
<b>4)</b>	<b>Participants</b>	SE to BE students
<b>5)</b>	<b>Purpose</b>	Basics of Robotics
<b>6)</b>	<b>Program Co-ordinator:</b>	Buds engineering academy
<b>7)</b>	<b>Program Committee Members:</b>	1.Deepali Dhomne 2.Debarpita Saha 3.Rutt Desai
<b>8)</b>	<b>Volunteers</b>	1-Mrs. Rupali Patil 2-Mrs. Deepali Newaskar 3-Mrs. Namrata Mishra

## **About Activity:**

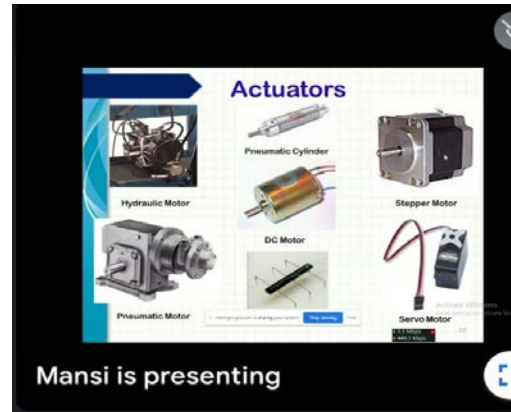
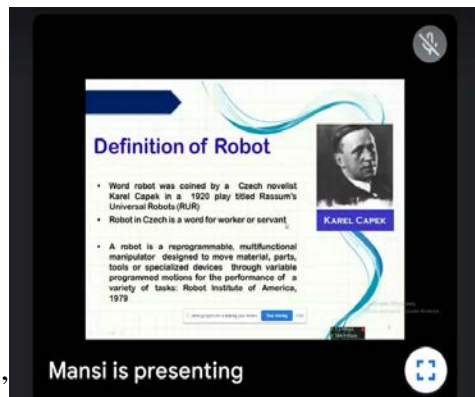
It was about “ROBOTICS” conducted by buds engineering academy. In this webinar we learn basics of robotics many terms like actuators, sensors, microcontroller, applications and history of robotics.

Karel Čapek introduced and made popular the frequently used international word robot, which first appeared in his play R.U.R. in 1920. ... However, he did not like the word, seeing it as too artificial, and sought advice from his brother Josef, who suggested robotic (robots in English). These include mass production, nuclear weapons and intelligent artificial beings such as robots or androids. His most productive years were during The First Republic of Czechoslovakia (1918–1938). Robot software is the set of coded commands or instructions that tell a mechanical device and electronic system, known together as a robot, what tasks to perform. Robot software is used to perform autonomous tasks. Many software systems and frameworks have been proposed to make programming robots easier.

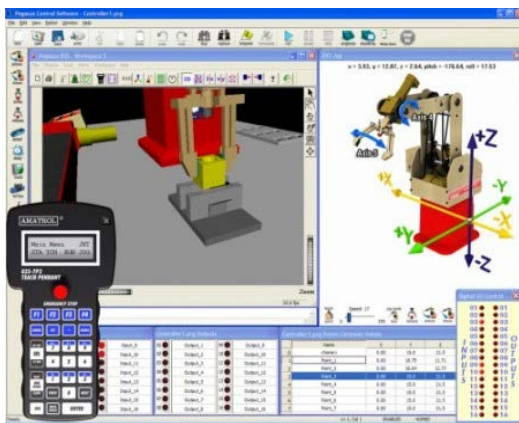
Some robot software aims at developing intelligent mechanical devices. Common tasks include feedback loops, control, path finding, data filtering, locating and sharing data.

Photo:

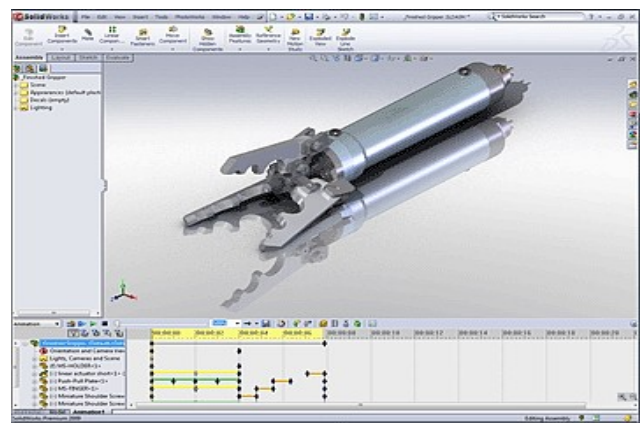
## Webinar on “ROBOTICS”



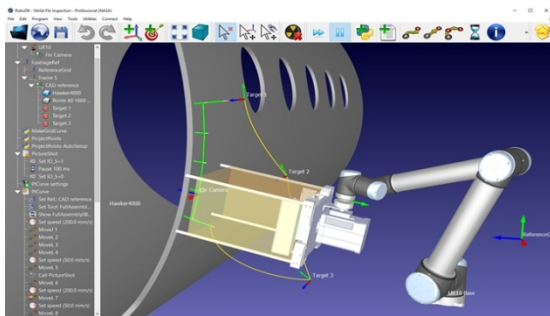
### History of robots



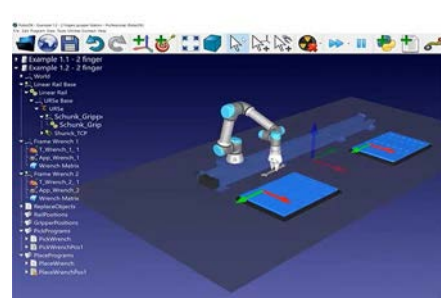
### Actuators information



### “Servo Robot Operation on Software”



### “Robot Simulation on Software”



### “Industrial robotics software

**Program outcome:**

We got to know about history about robotics and many more terms related to it in simple language. They cleared our concept in simple language.