



AKTU Students Made Machine Learning Robot

Why in News?

On 30 March 2023, Anuj Sharma, Associate Dean of the Innovation & Incubation Center of Dr. APJ Abdul Kalam Technical University (AKTU) said that AKTU has developed a robot that can be guided using the fingers of both hands using machine learning techniques.

Key Points

- The technology has been developed by Anuj Sharma, Associate Dean, Innovation & Incubation Center of AKTU and his student team.
- The associate dean of AKTU said that the robot with machine learning technology will not only follow the gestures of the fingers but will also perform all the programmed tasks. People with different disabilities, especially the visually impaired, deaf & mute and senior citizens can also use these robots for various tasks.
- This technology has been developed with the help of computer vision and artificial intelligence. If there is more than one robot with fingers on the right hand, they will be selected. For example, a robot whose information is recorded on the thumb will start. Similarly, the robot will work on other fingers as well.
- The robot can be operated with the help of a computer and desktop. The right-hand finger will be used to select the robot while the left hand will be used for instructions like asking the robot to turn on the fan using the thumb and so on.

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