

# BYTE QUEST

Vasavi College Of Engineering

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Byte Quest is the article published by the CSE dept of Vasavi College of Engineering regarding the latest innovative Technologies and Software that have been emerged in the competitive world. The motto of this article is to update the people regarding the improvement in technology. The article is designed by the active participation of students under the guidance of faculty coordinators.

Good ,bad or indifferent if you are not investing in new technology, you are going to be left behind.

-Philip Green

Once a new technology rolls over you, if you're not part of the steamroller, you're part of the road.

-Stewart Brand.

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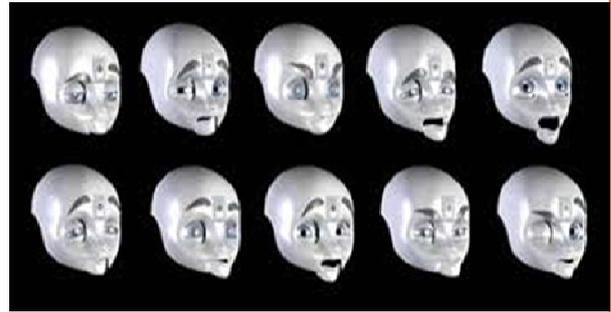
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## NEXI-ROBOT WITH FACIAL EXPRESSIONS

A latest invention by MIT Media Lab is a new robot that is able to show various facial expressions such as 'slanting its eyebrows in anger', or 'raise them in surprise', and show a wide assortment of facial expressions while communicating with people. This recent achievement in the field of Robotics is named NEXI as it is framed as the next generation robots which is aimed for a range of applications for personal robots and human-robot teamwork. The head and face of NEXI were designed by Xitome Design. The expressive robotics started with a neck mechanism sporting 4 Degrees of Freedom (DoF) at the base and pan-tilt-yaw of the head itself.



NEXI also has many other features. For example, it has self-balancing wheels like the Segway transporter, to ultimately ride on. Currently it uses an additional set of supportive wheels to operate as a statically stable platform in its early stage of development.

PRATYUSHA(2/4 CSE-B)

## IZON WI-FI VIDEO MONITOR



The Izon Stem White Wi-Fi Video Monitor Surveillance Cam is one of the cool gadgets for home security. For people who are frequently away from home and wanted to check in to see what's going on, the Izon will allow to do just that right from your smartphone. Place the camera anywhere near any outlet in the house, and once it's connected to your home's wireless internet, the picture can be viewed clearly

and also hear what's going on from your smartphone.

Izon has a bit higher quality, and is slimmer. The new Izon App provides real-time streaming video over local WiFi network, bandwidth permitting. The viewing angle for Izon is 60 degrees .

AMREEN KOUSAR(3/4 CSE-A)

## SAMSUNG GEAR S2



Unlike the original Gear that had more square-shaped watch face, the Gear S2 sports a round one which looks better. The device looks more like a watch and less like something from the Star Trek, and that may appeal to mainstream users. But the big change with the Gear S2 is not the shape. It is how you navigate through its features. On the Gear S2, Samsung has put a dial that rotates which allows a user to flip through various screens and features on the watch. It is a great way to shift through the information on a device that has a very small screen.

The watch is made of metal dial and lots of glass, including the bottom lid that is made of glass so that sensors under that can monitor heart rate can do its job. Both versions of the Gear S2 have 1.2-inch Super AMOLED screen with Gorilla Glass on top.

Just like other smartwatches, the Gear S2 offers a number of health and fitness related features. The Gear S2 supports Android phones running version 4.4 and above.

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