BYTE QUEST

Vasavi College of Engineering

Department of Computer Science and Engineering

Contents:

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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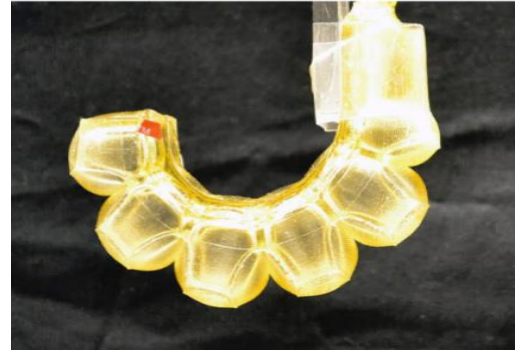|	
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EDIBLE ROBOTS

Researchers at Swiss Federal Institute of Technology in Lausanne (EPFL) have created gelatine- based robots that can be eaten by humans or animals and carry out tasks within their bodies. Scientists can explore a multitude of new applications for robotics in the body by making soft, small and edible robots. The Swiss scientists who recently debuted an ingestible actuator at a robotics conference teased a few such applications in their research paper, saying edible robots could someday: Execute tasks to "heal inside the human body , "Serve as a source of electric energy for "non- edible robots" or humans, e.g. as an adjustable battery for human medical devices, Serve as a food source in rescue scenarios with "survivors in isolated places like inside a crevice or up on mountain".

N. VARUN SAI (CSE-B 2/4)

PSYCHOTECHNOLOGY

The branch of psychology that deals with the practical application of knowledge about the human mind or brain. In later use also: any technology designed to alter thought or behaviour by manipulation of brain function; the study or development of such technology is called as Psychotechnology. Psychotechnology are ways of using psychological processes for a desired outcome or to select psychological process such as perception, cognition, emotion and their substrates. With attention focused on psychedelics, we'll consider the idea of "psychotechnology" and what psychotechnology's are how they enhance abilities, the way they form one of the three foundational concepts of a multistate model of the human mind, and a

proposal for promoting psychotechnology research and development via dedicated mind body institutions and/or foundations

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BLUE EYES TECHNOLOGY

Blue Eyes is an innovation directed by the exploration group of IBM at its Almaden Research Centre (ARC) in San Jose, California since 1997. Blue eyes technology makes a computer to comprehend and sense human expressions, feelings and conducts, empowers the machine to respond as indicated by the detected emotions. The point of the blue eyes innovation is to give human force or capacities to a machine, so that the machine can actually communicate with individuals as we interact with each other. Every person has some perceptual capacities, the capacity to see each other's emotions or feelings from their outward appearances. Blue eyes innovation goes for making a machine that has the capacities to comprehend the perceptual forces of individual by perceiving their physical appearances and feelings to respond accordingly to them. Blue is a word taken from Bluetooth, a standard for the short-range wireless interconnection of cell phones, Computers, and other electronic gadgets. What's more, Eyes that gives us the vision to acquire vital and virtual information, which have high impact on human. At the point when a computerized reasoning is

consolidated to a machine, it does a considerable measure of things and made a work simpler to human. In any case, insight to a machine alone doesn't make any sense as the machine just takes after our requests yet they never comprehended our feelings and converse with us as indicated by the circumstance. Blue Eyes technology has made this vision go genuine. The primary target of Blue eyes technology is to build up a computational machine having emotions and capability of reacting according to the situations like those of people. We can use this Blue Eyes technology in every working spot, where the human's consideration is persistently accessible. Utilizing the Blue Eyes Technology, it can record and screen the client's physiological condition by a specialized methodology.

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