

April 2023



Edition 85

Editor's Desk

Dear friends,

"You define your own life. Don't let other people write your script."

—*Oprah Winfrey*

Happy Reading,

Regards

Bhavna Botta

<http://www.connectspecial.in/>

Innovative Ideas

Gyrogloves

The GyroGlov is a wearable technology currently in development to increase hand stability. Gyroscopes within the glove are used to counteract hand tremors to restore confidence and ease of daily tasks. Compared to other devices, the GyroGlov combines elegance and durability in a small, lightweight package with a detachable harness. GyroGlove is being developed to withstand everyday challenges, and to help you love using your hands again.

This glove with a built-in spinning gyroscope can help people with Parkinson's disease and Essential tremor (ET) overcome their often-debilitating tremors and regain control of their hands.

Both conditions affect over 200 million people worldwide and can cause patients' hands to shake so much that everyday tasks such as eating and drinking become difficult or impossible.

GyroGear's solution, according to Gordon McCabe, GyroGear development manager, is to mount a gyroscope on the back of the hand which, much like a spinning top that will always stay upright as long as it's spinning, makes your hand stay level while the flywheel is spinning.

<https://gyrogear.co/>



Picture shows a person wearing gyro glove on his right wrist

Audicate

This revolutionary Android app provides audio books for the visually impaired, covering almost all the exams of India, including UPSC, MPSC, SSC, and other competitive exams. With Audicate, we have the opportunity to access audiobooks for classes 6th to 12th NCERT, making education accessible for all.

Audicate is free for visually impaired people for a lifetime, making it a valuable tool that empowers those who are visually challenged to learn and grow. With a user-friendly interface, Audicate makes it easy to navigate and access audio books on various subjects, enabling users to learn at their own pace and convenience.

Whether you're a student preparing for competitive exams or someone who wants to enhance their knowledge, Audicate is the ideal app for you. With a vast library of audiobooks, covering a wide range of topics, Audicate is the perfect companion for individuals seeking to expand their knowledge and enhance their learning experience.

<https://play.google.com/store/apps/details?id=com.audicate.app>

AudioTelligence

AudioTelligence, a Cambridge software startup is providing hearing aid and consumer electronics companies with a reference design for its new assistive hearing device, a tabletop remote microphone called Orsana, to create and release their own assistive listening devices.

Orsana offers a solution for hearing aid users who struggle in social situations where traditional options are insufficient. For non-hearing aid users, Orsana caters to the increasing demand for solutions that enable the user to hear in noisy environments, which was identified in recent research by Qualcomm.

The device can be paired with their Bluetooth Low Energy (BLE) True Wireless Stereo (TWS) earbuds and/or hearing aids, which means it can connect to other devices on the market. This universal assistive listening device designed to help everyone hear clearly in noise, with or without hearing aids, allows users to focus on the people they want to hear while at the same time reducing background noise.

<https://audiotelligence.com/>



Pictures shows a black cuboid shaped speaker with white dots in a circle on the top

Badger by Satellite Displays

Satellite Displays' Badger is a closed captioning smart badge that is used to convert speech to text in real time in more than 50 languages.

It helps those with hearing loss follow conversations more easily when the other person is wearing the Badger badge, especially in circumstances where lip reading is impossible if the person speaking is wearing a face mask, such as in healthcare settings.

The wearable badge first captures the speaker's voice and transmits it to a smartphone. Next, the smartphone converts the audio to text and transmits it to the smart badge. The smart badge then displays the text like closed captions.

<https://youtu.be/aczfhf1Rbqw>

<https://satellitedisplay.com/>



Picture shows a white rectangular card like a name tag badge with a black string and an iPhone

Microsoft Teams has added a Sign Language View for Teams Meetings

Sign language view, which will enable you to prioritize up to two other participants' videos so they stay visible and in a consistent location throughout the meeting.

- Keeping interpreters and other signers' video feeds in a consistent location,
- Ensuring that video feeds are an appropriate shape and size for sign language to be visible,
- Empowering participants to have up to two other signers in view throughout each meeting, and
- Reducing repetitive meeting setup tasks like pinning interpreters and turning on captions at the start of each meeting.

When sign language view is enabled, the prioritized video streams automatically appear at the right aspect ratio and at the highest available quality. With sign language view turned on, the video feeds of the individuals you have designated stay visible on center stage as long as their video is on. When someone shares content in the meeting, the prioritized signer video shifts positions, but remains high quality and at a larger size than the video feeds of other participants.

<https://support.microsoft.com/en-us/office/use-sign-language-view-in-microsoft-teams-c6c11f67-0747-4598-ac27-c90801b94434?storagetype=live>

To share ,to read archive editions,log on to

<http://www.connectspecial.in/>

To subscribe ,give feedback,write to

botta.bhavna@gmail.com