AppStreamer — A New Software to Stream Data

A team led by Indian-origin researcher Saurabh Bagchi who is a professor at Purdue University, US, has developed an AppStreamer which is a software capable of streaming the data and reducing the space occupied by apps on a smartphone. Without deleting the already existing apps, the software enables the users to continue downloading the apps they desire. The software helps in streaming the data to an app from a cloud server when required which means the app will occupy only the space it needs on a mobile at any given time. 5G connectivity can better be accommodated by using AppStreamer.

Source: https://www.purdue.edu

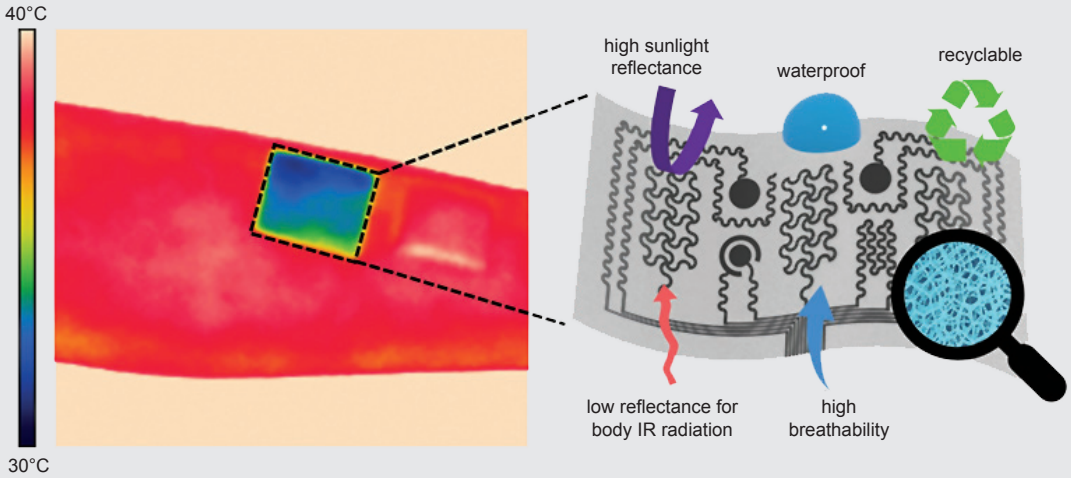
Image Credit: Jamayal Tanweer

Wearable AC — On-skin Electronic Device

ENGINEERS from the University of Missouri have developed an on-skin device called "Wearable air conditioning" having the ability to monitor blood pressure, the electrical activity of the heart and the level of skin hydration.

The device is breathable and waterproof and delivers personal air conditioning to a human body by the process of passive cooling. The cooling does not utilise electricity, such as a fan or pump avoiding any discomfort to the user. Presently, the device is a small wired patch, and researchers suggest that after two years they'll be able to design a wireless version. The findings of the work were published in the Journal *Proceedings of the National Academy of Sciences*.

Source: https://news.missouri.edu/2020/wearable-ac/

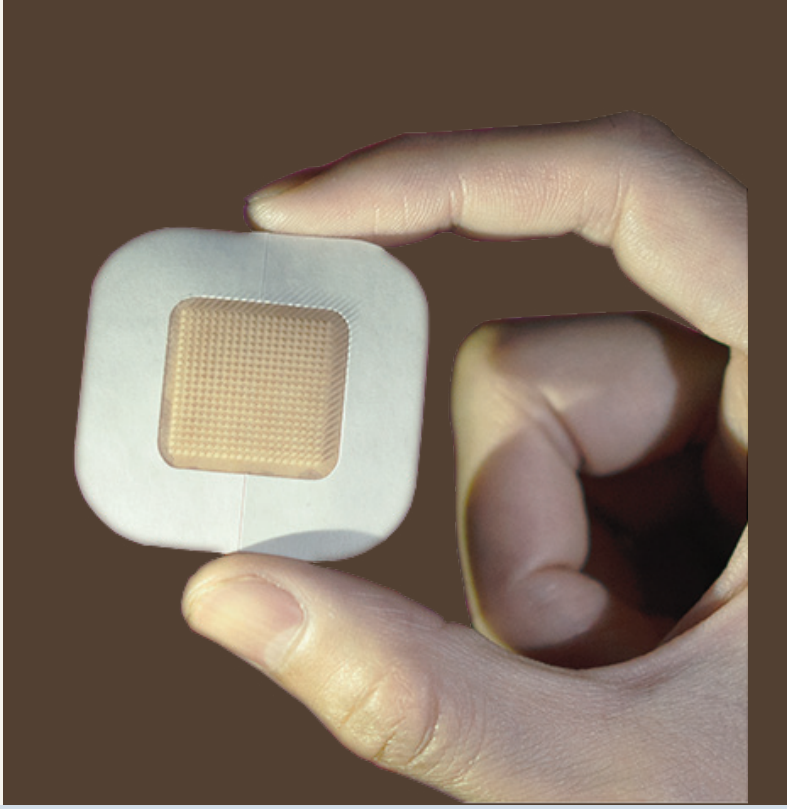


Smart Insulin-delivery Patch

RESEARCHERS from the University of California Los Angeles, University of North Carolina, and MIT have designed a smart insulin-delivery wearable patch which could automatically regulate and monitor glucose level in diabetics by delivering the required insulin dose.

The stick-on device is about the size of a U.S. quarter coin and has tiny needles preloaded with insulin, which are less than a millimetre in length and made out of a polymer that's sensitive to glucose. The technology is cheap to manufacture and one day people with diabetes will hopefully be able to put on one of these patches in the morning without worrying about the glucose levels throughout the day.

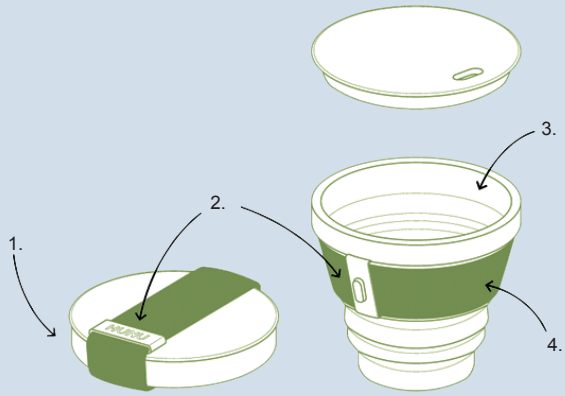
Source: http://news.unchealthcare.org/



HUNU — A Reusable Coffee Cup

HUNU is a beautifully designed and easy-to-carry reusable coffee cup which is incredibly light weighing less than 100 g and measures less than 0.75 inches thin when folded down. Because of collapsible design HUNU can easily be fitted in the pocket. All materials used in designing are BPA-free and fully non-toxic.

Source: https://www.kickstarter.com/



1. Folds down to less than 2cm/0.75 inch to fit in any pocket or bag
2. Plug for drinking hole means no leaks in your pocket
3. Big enough to fit any Barista standard sized coffee
4. Removable insulating band for those extra hot drinks
   - Dishwasher safe and incredibly easy to clean
   - BPA free and fully Non-Toxic bamboo and silicone
   - Ultra portable and infinitely reusable