

Latest News from India Energy

[Home](#) → [360](#) → [News](#)

India's First
Industrial Energy Efficiency
Showcase



Is Your Company a
Part of It?

[➔ Know More](#)

Tiny windmills may one day power cell phones

 Posted by [admin](#) on 15th Jan, 2014

Indian origin scientist Smitha Rao at the University of Texas has come up with world's smallest wind turbine that could one day power portable electronics and recharge smartphone batteries.

The micro-windmill is so small that 10 such windmills could be mounted on a single grain of rice. The device is about 1.8 mm at its widest point. Rao, along with J.C. Chiao, a professor of electrical engineering at UT, developed the technology based on recent advances in micro-robotic devices.

"Hundreds of the windmills could be embedded in a sleeve for a cell phone," the researcher claimed. "Wind, created by waving the cell phone in air or holding it up to an open window on a windy day, would generate the electricity that could be collected by the cell phone's battery." [read more →](#)



35,000 Subscribers

EAI Daily

India's Largest Renewable
Energy Newsletter

Take Your Renewable
Energy Business to the
Next Level through EAI
Daily

Advertise Now!

 Like