

What's new @ Electronics & Communication Engineering

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Dr. Dinesh Prasad in the news



Dr. Dinesh Prasad, associate professor, is awarded with the prestigious young Faculty Research Fellowship under the Visvesvaraya PhD scheme for Electronics & IT of DeitY. He is the only person in the faculty of engineering & technology who has achieved this honour.



The Levitating Light bulb



Flyte, a lightbulb that relies on electromagnetism to levitate and spin, and on resonant inductive coupling—a technical term for wireless power transmission—to shine. Morris sees his design as a seamless blend of science and art honoring both pragmatists, like Thomas Edison, and dreamers, like Nikola Tesla. And consumers appear to agree: Morris says Flyte has sold so well since its official January launch that his team is planning to introduce a whole ecosystem of floating products, including a planter, Lyfe, which debuted in June. "We're just scratching the surface," he says.

Your e-device has now a flexible skin

Flexible Electronics – electronic devices built on conformable or stretchable substrates, usually plastic, but also metal foil, paper, and flexible glass. Printed electronics is sometimes confused with printed circuit boards, which also use printing methods to connect discrete active and passive components.

Flexible displays rely largely on existing display technology, known as an OLED (organic light emitting diode) or AMOLED (active matrix light emitting diode) screen. Traditional AMOLED screens use organic compounds which create their own light source when a current is passed through them.

