

This study aims to determine the efficiency of solar power generation in agricultural automatic drip irrigation. This study uses experimental research with the design of materials and research tools.

A 14-year-old teenage girl named Vinisha Umashankar has won the Children's Climate Prize for her invention of a wheeled cart equipped with solar panels and batteries sufficient to power a steam...

Vinisha Umashankar, a class 10 student from Tiruvannamalai district of Tamil Nadu, received the Dr APJ Abdul Kalam IGNITE Awards, for her mobile ironing cart, which uses solar panels to...

Solar power, also known as solar electricity, is the conversion of energy from sunlight into electricity, either directly using photovoltaics (PV) or indirectly using concentrated solar power. Solar panels use the photovoltaic effect to convert ...

Cost reductions also contribute to the growing adoption of solar power. Economies of scale, technological improvements, and government incentives have driven down the cost of solar ...

The irons are heated using charcoal, a fuel that contributes to air pollution. But Vinisha Umashankar, a 14-year-old girl from Tamil Nadu, has found a clean solution. Vinisha's ...

1. Thales of Miletus (circa 600 BCE): One of the earliest figures to study static electricity.. 2. Benjamin Franklin (1706-1790): Conducted experiments that established a connection between electricity and lightning..  
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Globally, India has emerged as a significant player in renewable energy, ranking fourth in total renewable power capacity additions and fifth in solar power capacity. From 2014 ...

This young girl hailing from the temple town of Tiruvannamalai in Tamil Nadu has designed a unique solar-powered alternative for the charcoal burning iron carts that are used for pressing clothe for workers and families. ...

Now, however, a teenage girl, troubled by the heaps of used charcoal left by her local ironing vendor and by his painful wheeze from pollution, has developed an alternative: an award-winning...

The foundation of solar power technology began in the 18th century with the advent of the solar oven, a device harnessing sunlight for heat. As we progressed, the 19th century brought forth ...

Who Invented Solar Power? Solar power was first discovered by French physicist Edmond Becquerel in 1839 at the young age of 19. At the time, Becquerel was experimenting in his ...

In 2016, solar power from utility-scale facilities accounted for less than 0.9% of U.S. electricity generation. However, the solar industry has gained significant momentum since ...

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