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The global predictive maintenance market is expected to reach around \$23.5 billion by 2024 with an annual growth rate of nearly 40 percent between 2018 and 2024.

Predictive maintenance is a key to saving future resources

The recent apartment building collapse in Miami Florida is a tragic reminder of the huge impacts engineering can have on our lives Disasters such a ...

Why we need engineers who study ethics as much as maths

Engineers have long used on-chip circuitry to assist with manufacturing test, silicon debug and failure analysis ... results in extracting specific information that targets the engineering actions ...

Monitoring IC Abnormalities Before Failures

One problem with engineering education today is a lack ... He spent a lifetime as a practicing engineer in a field where a small failure could mean the death of a friend. So when he set out ...

Books You Should Read: Engineer To Win By Carroll Smith

The U.S. military is retreating from Afghanistan as the Taliban make rapid gains across the country. It recently slipped away from the key Bagram airbase near Kabul in the dead of night, without infor ...

U.S. lost the war in Afghanistan 20 years ago

Robert Frosch is a professor of civil engineering ... and often a failure like that is a combination of factors, not necessarily a single one. ” Purdue University is a top public research institution ...

Engineering experts: Florida condo collapse

In a consumer device, there may be less value in testing every die or wafer than for safety- or mission-critical applications, where failures can have disastrous consequences. “ When you do multiple ...

IC Data Hot Potato: Who Owns And Manages It?

A number of factors could have brought down the condo - sea level rise, sinking soil, corrosion and human error among them, experts told USA TODAY.

Building collapse in Miami: Multiple factors could have contributed, experts say

Instead, the Bush administration opted for a colossal military and political re-engineering of an entire ... a massive intellectual failure: a failure even to acknowledge, let alone to grapple ...

Column: US lost the war in Afghanistan 20 years ago

“ Learning something new always excites me, and going back to school when nobody is bothering you with equipment failure ... taught him the practical knowledge needed in engineering.

“ Technology was my passion ” : Subrata Dutta

(Dr. Zee), one of the foremost corrosion engineering experts in North America, today issued their preliminary report on the potential causes of the catastrophic failure that led to the collapse of ...

Matergenics Issues Preliminary Report on Surfside Condo Collapse

THE government 's proposal to once again take part in power generation is an admission of failure for a two-decade-old law that ... Villase ñ or III, who teaches energy engineering at the University of ...

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Gov ' t proposal to return to power generation viewed as admission EPIRA has failed

Soft plastics lack adequate recycling methods as they easily entangle in waste separation machinery, leading to mechanical failure and ... and Information Engineering. "The recycling robotic ...

Recycling robot could help solve soft plastic waste crisis

" Usually, such failures are not sudden, " he ... Ashraf, the structural engineering consultant and author of " Practical Design of Reinforced Concrete Buildings, " took note of residents ...

Building collapse in Miami: Multiple factors could have contributed, experts say

Additionally, leading South Florida law firm Clayton Trial Lawyers, PLLC, identifies several possible legal and regulatory issues stemming from this catastrophic failure ... nearly 30 years of ...

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