



TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

FEDEX-IIT MADRAS COLLABORATION TO BUILD NEXT-GEN SUPPLY CHAINS



IIT Madras, in collaboration with FedEx, inaugurated the **FedEx SMART Centre (Supply Chain Modelling, Algorithms, Research and Technology Centre)** at IIT Madras, **a first-of-its-kind hub for sustainable, technology-driven logistics innovation**. Established with a USD 5 million, five-year grant from FedEx, the Centre integrates academic research and industry expertise to reimagine supply chains for agility, resilience, and environmental responsibility.

The Centre will focus on:

- **AI-powered logistics and predictive analytics**
- **Carbon-neutral operations and EV infrastructure**
- **Autonomous delivery systems and UAVs**
- **Worker safety through AI-driven solutions**
- **Warehouse automation and digital frameworks**
- **National talent outreach and capacity building**

The SMART Centre is poised to position India as a global hub for smart and sustainable logistics.

CSR PROJECT SHOWCASE



Empowering the Future

IIT Madras, with support from Titan Company Ltd., completed the Employment Enablement Program on Advanced Electronics Manufacturing with Power Electronics Fundamentals. The 11-day residential training **upskilled 50 students from tier-3 and tier-4 colleges** in Tamil Nadu.

Students gained hands-on experience in:

- **Advanced PCB manufacturing**
- **SMT soldering**
- **Pick-and-place assembly**
- **Reflow ovens & automated inspection**

Building on this success, the next phase will train **105 more students**, reinforcing Titan's commitment to skilling youth and preparing a future-ready workforce for India's electronics and semiconductor industries.

To know more such projects, connect with us. **Email: csrpartner@ia.iitm.ac.in**

CSR SPOTLIGHT

Tackling India's Water Challenge through Data



Safe water access is a major challenge in India, with contamination and a lack of transparent data leaving communities at risk.

IIT Madras, in collaboration with Tel Aviv University, has launched a **Hybrid Course on Water Quality under the People's Water Data initiative**. The program trains students, professionals, and citizens to test and map water quality, creating **India's first open-access People's Water Data platform**.

Key Outcomes

- **Community-driven water monitoring**
- **Transparent, actionable data**
- **Skilling the next generation of water professionals**
- **Sustainable, research-driven solutions**

[Interested to know more about this project](#)



NEWS AND EVENTS

IIT Madras Launches School of Innovation and Entrepreneurship



IIT Madras has inaugurated the School of Innovation and Entrepreneurship to strengthen its **deep-tech start-up ecosystem**, already the largest in India with 475+ start-ups valued at ₹50,000+ crore and 11,000+ jobs created.

Led by Prof. Prabhu Rajagopal, the School will offer practice-led programs, including an **MS (Entrepreneurship), PhD, and Entrepreneur-in-Residence cohort**, besides IP clinics and funding support. It aims to institutionalize innovation at IIT Madras, nurturing future founders under a global **"Make in India, Make for the World"** vision.

PARTNER SPEAK

“At Wipro, we are proud to collaborate with institutes of excellence like IIT Madras, especially on the climate action program they are curating. Through this initiative, we're engaging the energy and innovative spirit of students from colleges across India to develop impactful climate solutions.”



MR. PS NARAYAN

Global Head, Sustainability, Wipro

WE WOULD LOVE TO HEAR FROM YOU!

We trust you enjoyed perusing our CSR Newsletter Bulletin! Do get in touch and let us know your thoughts. We look forward to hearing from you!

An initiative by the
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