



TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

AI VISION TAKES SHAPE: WADHWANI SCHOOL OF DATA SCIENCE AND AI

A **landmark contribution** of ₹110 crore from distinguished alumnus Mr. Sunil Wadhwani has propelled IIT Madras towards realizing its vision of a **dedicated School of Data Science and AI**. The generous endowment, one of the largest for a new school in India, signifies Mr. Wadhwani's commitment to AI advancement and positions IIT Madras at the forefront of this transformative field.



The "Wadhwani School of Data Science and AI" officially established on January 30th, 2024, aspires to be a **top global player**. Beyond fostering cutting-edge education, the school aims to become a **valuable resource for government and policymakers**, offering expert guidance on crucial data science and AI-related issues.

The Applied Research Areas of this School will be:

- Healthcare
- Agriculture
- Smart cities and transportation
- Financial analytics
- Manufacturing
- Energy and Environment
- Defence
- Education
- Systems Biology

CSR PROJECT SHOWCASE



Climate Resilient and Sustainable Livelihood for Communities

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Email: csrpartner@ia.iitm.ac.in

India faces a growing challenge with unpredictable weather patterns. To address this, a new project is launching in three aspirational districts, **Dharashiva (Maharashtra), Begu Sarai (Bihar), and Virudhunagar (Tamil Nadu)**, to create climate-resilient and sustainable livelihoods for communities.

This innovative project will develop a framework to tackle the **non-linear impacts of climate change**. Here's how:

- Promoting ecosystem-based adaptation measures
- Cost-effective nature-based solutions will be explored
- Develop physics-based prediction models based on the evolution of teleconnection patterns

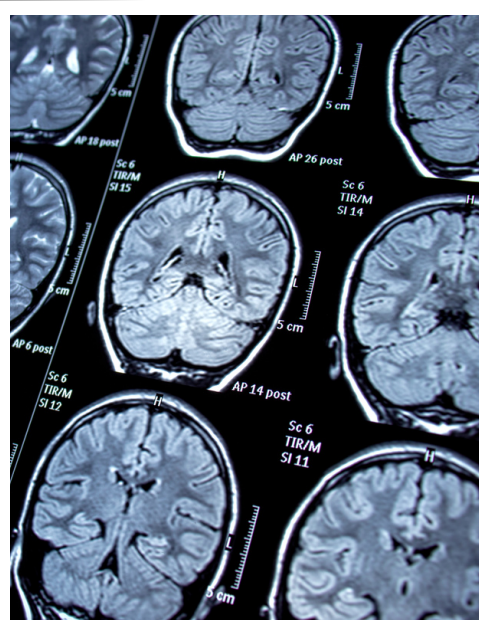
CSR SPOTLIGHT

India's First: Personalized Medicine for Epilepsy

Epilepsy, a common neurological disorder, often proves resistant to current medications. This **first-of-its-kind** project in **India**, aims to revolutionize treatment with **personalized medicine**.

The proposal is to develop a humanized model of epilepsy using **zebrafish** as a model organism. The goals:

- To establish a state-of-the-art facility dedicated to epilepsy research
- Develop a personalized epilepsy model.



Don't miss out on this exciting opportunity. **Contact us today!** Email: csrpartner@ia.iitm.ac.in

NEWS AND EVENTS



Transforming Medical Education: PFC Funds IIT Madras' New Anatomy Lab

IIT Madras and Power Finance Corporation Ltd. (PFC) joined hands to set up a **research undergraduate Anatomy laboratory** in the Department of Medical Sciences and Technology under PFC's CSR initiative.

For this pioneering initiative, PFC has sanctioned financial assistance of ₹16.5 Cr. The project aims to utilize and develop a state-of-the-art Anatomy Lab for undergraduates that will aid in effective technology-integrated teaching and learning practices for the **first-of-its-kind BS Degree Program** in Medical Sciences & Engineering.

TESTIMONIAL

"We have had the privilege of collaborating with IIT Madras for over a year on STEM scholarships for IITM girl students. The innovative, technology-driven education provided by the IITM has immensely benefited our CSR initiatives, creating meaningful social impact. Working alongside the dedicated team at IIT Madras has been a truly enriching experience, characterized by professionalism, expertise, and a shared commitment to driving positive change. We look forward to continuing our shared journey towards creating a better, more equitable world for all."

MR. SATHISHA CH

Senior Scientist, GE Aerospace and CSR Leader, GEIPL



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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