



TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

ADDRESSING REAL-WORLD CHALLENGES IN WATER SECURITY WITH INNOVATION

In a recent panel discussion on **Water Security in India**, sustainability took centre stage as experts deliberated on strategies to ensure water sustainability for communities. The Panel Discussion brought together every stakeholder in the ecosystem to participate in dialogues and brainstorm solutions on water scarcity and conservation.



Prof. Ashwin Mahalingam, Head – School of Sustainability at IIT Madras expertly moderated the discourse, emphasizing collaborative efforts.

The esteemed panelists include **Ms. Roopa Satish**, Head – Portfolio Management & CSR, IndusInd Bank, **Ms. Matilda Lobo**, SVP, Head – CSR, IndusInd Bank, **Prof. Sachin S. Gunthe** – Professor and former Head of Max Planck Partner group on bio aerosol research at IIT Madras, along with innovative water entrepreneurs or Aqua-preneurs from across the country. Highlighting their transformative role in this area, the discussion shed light on their innovative use of technology to address water challenges at the grassroots level. Additionally, the vital contribution of state-of-the-art research initiatives from academic institutions like IIT Madras and financial backing of institutions like IndusInd Bank in supporting water conservation projects was underscored. The panel reiterated the significance of collaborative strategies and innovative approaches in achieving water security.

Watch the panel discussion on our [Youtube channel](#) and stay tuned for more updates and initiatives as we continue our journey towards a water-secure world.

CSR PROJECT SHOWCASE



Walmart Global Tech (WGT) has partnered with IIT Madras to launch the 'Walmart Center for Tech Excellence'

This Centre is dedicated to empowering Micro, Small and Medium Enterprises (MSMEs) in the manufacturing and retail sectors. It will develop cutting-edge solutions that will help MSMEs adopt Artificial Intelligence (AI) along with digitization to drive operational efficiency and profitability.

The center will work towards building an open-sourced, domain-agnostic platform that will develop engineering analytics solutions, making them widely accessible.

Advancing AI for India's MSMEs

CSR SPOTLIGHT

Restoring Faces, Restoring Lives!

The outbreak of black fungus disease, also known as mucormycosis, has been a cause of great concern in India. It causes facial disfigurement in India.

This innovative project aims to develop additive manufacturing (3D printing) to create custom facial, viable and affordable implants for black fungus patients from underprivileged sections. Extensive research activities are already being carried out by researchers and professors in IIT-Madras to commercialise the use of Additive Manufacturing. The goals:

- to automate design
- explore cost effective materials, and
- develop surgical procedures for better treatment and aftercare.



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

NEWS AND EVENTS



IIT Madras Sets New Fundraising Milestones

Office of Alumni and Corporate Relations, IIT Madras has shattered all records by raising an astounding Rs. **513 crore** in funding and Rs. **717 crore** in new pledges during FY 2023-24, **marking a remarkable 135% increase from the previous year.**

This historic achievement, made possible by the unwavering support of our alumni, corporate partners, & philanthropists, underscores our commitment to pioneering research, technological innovation, student scholarship, and societal impact.

TESTIMONIAL



“As a technology conglomerate, Verizon India has partnered with IIT Madras to look for opportunities to deliver tech-driven solutions for various initiatives. IIT Madras is one such elite institution in the country we've partnered with for achieving targets in the Corporate Social Responsibility sector backed by technology. We have served communities through the 2 main pillars of our CSR – Digital Inclusion & Climate Protection via IIT-M partnership.

One Lab One School, a training program for students on STEM concepts simplifying scientific learning. Solar-DC Inverterless: Promoting green energy, a solution converting solar energy to power used at home, targeting frequent power cut areas in Telangana & Karnataka. V PROPEL: A scholarship program to aid students from economically underprivileged backgrounds to pursue a degree in Data Science, the program gives first preference to Women and PWD students PAN India.

VERIZON INDIA

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!

