



TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

SOCIAL IMPACT CLUB – CSR CAFÉ MUMBAI



The first Mumbai edition of the **“Social Impact Club”**, an IIT Madras initiative, brought together CSR leaders making strides in India’s development. The event centred around the **“Net Zero Roadmap”**, exploring strategies, drivers, and challenges in navigating corporate responsibility under Net Zero and Circular Economy.

Moderated by **Prof. Abhijit Deshpande, Faculty in Charge – RuTAG, IIT Madras**, key discussions focused on collaborative frameworks, technology-driven solutions, and scalable models for CSR and ESG initiatives. Participants engaged in insightful dialogues on how India can achieve Net Zero 2070, highlighting the crucial role of innovation, capacity building, and grassroots impact measurement. Networking over high tea, the event fostered collaboration among like-minded professionals committed to shaping a sustainable future.

Reach out to csrpartner@ia.iitm.ac.in for future collaborations.

CSR PROJECT SHOWCASE



Connect with us to enable tech for better tomorrow. [Email: csrpartner@ia.iitm.ac.in](mailto:csrpartner@ia.iitm.ac.in)

Towards Secure Systems

IIT Madras announced partnership with IDBI Bank to launch a **cybersecurity lab** to develop and deploy security solutions in crucial sectors such as healthcare, fintech, and aerospace. The **‘IDBI – IITM Secure Systems Lab’ (I2SSL)** will focus on creating market-ready IPs in cybersecurity, productisation, and commercialisation of research work, especially for mobile technologies.

The focus would be for cybersecurity in industries such as banking, automotive, power, and telecommunications. The lab would work on secure systems engineering, and encourage undergrad students with hackathons and other projects. IIT Madras plans to ingeniously design systems for critical applications like hardware firewalls and mobile banking. Analysis of AI-based malware would be done through an online forum. Further, I2SSL would work on developing tools for automated security evaluation. Hardware accelerators would be developed and implemented in a Trusted Platform Module used in banking, finance, and other industries.

The Key to Understanding Diseases

Recently there was an article in The Hindu that spoke about how diseases hunt humans in packs, and this led to the question: **How do we analyse diseases?**

Like social networks, diseases are linked through disease networks. Disease networks hold the key to a transformative understanding of diseases. The main objective of this project is to map the disease network through a scientific mathematical framework. This project is restricted to **non-communicable diseases (NCD)**. For this project, a consortium of hospitals will be formed, and data will be collected, analysed, and validated. It is hoped that a better understanding of diseases and their networks will help to treat diseases better and give proper healthcare to patients.

CSR SPOTLIGHT



Don't miss out on this exciting opportunity. [Contact us today! Email: csrpartner@ia.iitm.ac.in](mailto:csrpartner@ia.iitm.ac.in)



VIKSIT BHARAT

Driving Inclusive Transformative Impact through Tech-Enabled CSR

IIT Madras CSR Awards & Summit 2024

Who Can Apply?

- The application can be submitted by a **company or its CSR foundation arm**.
- The projects eligible for applying are those **funded under CSR or Philanthropic grants**.



Nominate Now!

NEWS AND EVENTS



SICA - 2024 The CSR Universe

IIT Madras served as a knowledge partner at the SICA 2024 (Social Impact Conference & Awards 2024), which focused on the theme "Beyond Numbers – Impact at Centre Stage." The event brought together leaders from various sectors to discuss the qualitative impacts of social initiatives.

Prof. Madhulika Dixit from the Department of Biotechnology participated in a panel discussion titled **"Delivering Health via Scalable Healthcare Ecosystem in India."** This session emphasized innovative approaches to enhance healthcare delivery across the country, focusing on scalability and accessibility. **Prof. Vignesh Muthuvijayan, Department of Biotechnology** addressed the topic **"Building Sustainable Livelihoods – The Role of Skill Development in Creating Impactful Change."** His insights highlighted the critical role of skill development in fostering sustainable livelihoods and driving social change.

PARTNER SPEAK

Traditional CSR has been actually solving for your immediate community but using technology you can reach a much bigger scale. That's why companies like us come to organizations like IIT Madras where you can solve for the larger community at scale using technologies.

American Express partners with IIT Madras as part of research Lab, we sponsor a research lab named as DART (Data Analytics Risk & Technology) lab which has been going on since 2020. It's a 5 year program that has been running since 2020 and we have been funding several research programs for social good across various fields of different social aspects.



MR. MADHAN R A
Vice President
American Express India Pvt Ltd

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 **Office of Institutional Advancement, IIT Madras**

csrpartner@ia.iitm.ac.in