



TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

FAST-TRACK CSR DEPLOYMENT



IIT Madras has been at the forefront of innovation, leveraging technology for social good across the country. With **ready-to-deploy CSR projects** set for implementation in **Q4-FY 24-25**, organizations have the opportunity to make a tangible impact before March 31, 2025.

Your CSR contribution can drive meaningful change across key sectors:

Key Areas of Impact for CSR Support

- Healthcare & Biomedical Equipment
- Sustainability Initiatives
- Student-led Innovations
- Educational Support

Contact us today for prompt CSR deployment!

Email: csrpartner@ia.iitm.ac.in

CSR PROJECT SHOWCASE



Connect with us to enable tech for better tomorrow. Email: csrpartner@ia.iitm.ac.in

Revolutionizing Wellness

IIT Madras & Herbalife India join hands to establish the **Herbalife-IITM Plant Cell Fermentation Technology Lab** at IIT Madras.

Under this collaboration, a pilot-scale facility for plant cell fermentation will be established, which will be the **first-of-its-kind** dedicated facility to **facilitate plant cell fermentation** for producing high-quality herbal products at scale.

The lab will be a catalyst for innovation in **nutraceuticals, cosmeceuticals, and Ayush formulations** as well as help in capacity building and industry collaboration for the wellness sector.

Transforming Mobility & Accessibility

IIT Madras continues to push the boundaries of innovation in Assistive Technology with two groundbreaking projects under **Rehabilitation Research and Device Development (R2D2)**. These initiatives aim to improve mobility, accessibility, and rehabilitation for individuals with disabilities while fostering research-driven advancements.

Folding Wheel for Wheelchairs

Wheelchair users often struggle with portability, especially when traveling in compact spaces. While foldable wheels exist in premium markets, they remain costly and inaccessible for low- and middle-income countries (LMICs). By leveraging innovative materials and design, this project aims to bring:

- **Innovative folding mechanism for easy portability.**
- **Lightweight yet durable materials ensuring long-term reliability.**
- **Compatibility with standard wheelchair frames.**
- **Quick-release locking system for safety.**
- **Affordability to cater to users in LMICs.**



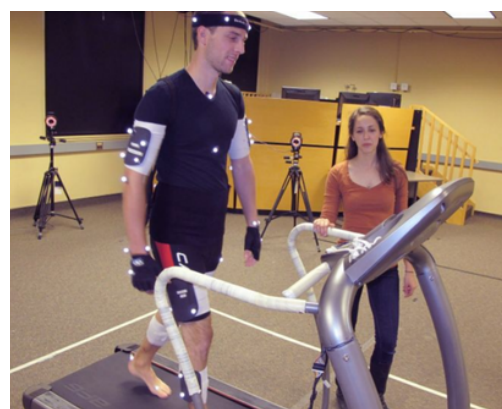
Motion Capture System

Understanding human movement is key to designing better Assistive Technologies, rehabilitation devices, and even performance-enhancing solutions for athletes. This motion capture system will benefit:

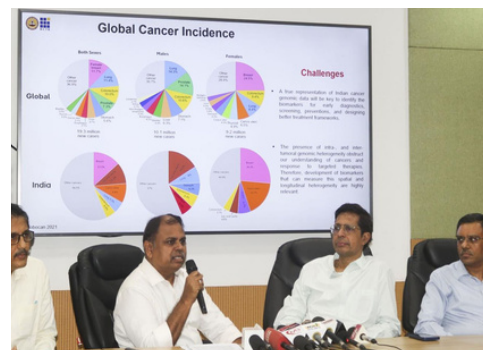
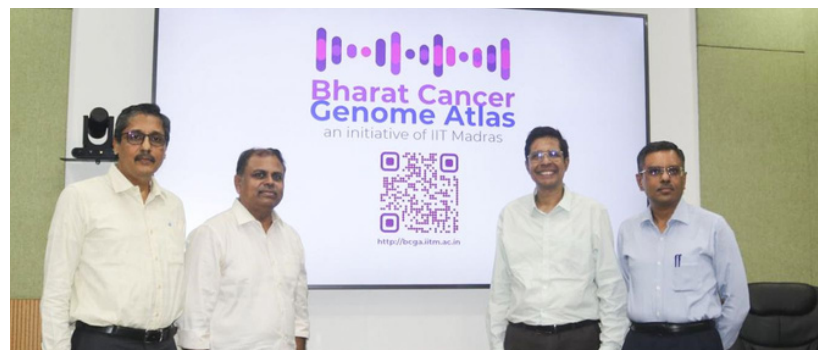
- **Clinicians & Researchers**
- **Startups & Innovators**
- **Athletes**

Want to be part of this impact? **Contact us today!**

Email: csrpartner@ia.iitm.ac.in



NEWS AND EVENTS



IIT Madras launches first-of-its-kind cancer genome database

India's first Cancer Genome Database – Bharat Cancer Genome Atlas (BCGA) was launched on World Cancer Day at IIT Madras. India has long been underrepresented in global cancer genome studies, limiting research into genetic factors affecting Indian cancer patients. BCGA fills this gap by mapping the genetic variants of Indian breast cancer patients, paving the way for: **Early cancer detection, Personalized treatment strategies and Improved drug development for Indian populations.**

This initiative, led by the Centre of Excellence on Cancer Genomics and Molecular Therapeutics at IIT Madras, will provide invaluable insights to researchers and clinicians worldwide. By leveraging genomic data, BCGA will revolutionize cancer diagnosis, treatment, and prevention strategies in India.

PARTNER SPEAK

“At Verizon India, we have had a longstanding partnership with IIT Madras on impactful projects that drive meaningful change. Our partnership began with the Inverterless Solar DC project, successfully implemented in Telangana and Karnataka, bringing sustainable energy solutions to communities. Currently, we are supporting IIT Madras' BS Degree in Data Science through a scholarship program that benefits students across Tamil Nadu, Karnataka, Andhra Pradesh, and Telangana. Also, we are committed to empowering women PAN India and supporting PWD students. It is inspiring to see how these efforts are opening new career opportunities and transforming lives.”



MS. SASI REKHA SUBRAMANI

CSR Lead,
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!

