



# TECHNOLOGIES FOR A BETTER TOMORROW

A CSR Bulletin by IIT Madras

## HOPE FOR CANCER: A LEAP TOWARD PERSONALIZED CARE



IIT Madras, in collaboration with Hyundai Motor Company India Foundation (CSR arm of Hyundai Motor India Limited) as part of its CSR initiative, launched the **Hyundai Centre for Cancer Genomics** under the ‘**Hyundai Hope for Cancer**’ initiative.

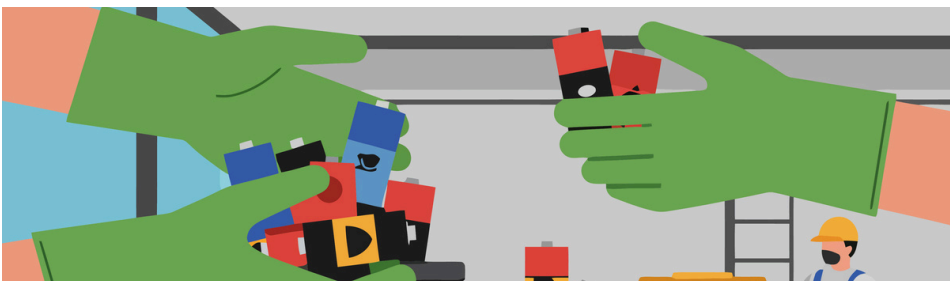
The centre houses India’s first community-based **Cancer Tissue Biobank** and will focus on genomic research in **pediatric leukemia and lymphoma** to enable **personalized cancer care**.

Key Outcomes:

- **225 Screening & awareness camps across 3 states (Tamil Nadu, Haryana & Maharashtra)**
- **1.27 Lakh Individuals to be screened**
- **5000+ Girl children to be vaccinated for HPV**
- **2800+ Samples to be collected for sequencing and research**
- **30–50 Children to be treated free of cost**
- **100+ Technicians to be upskilled in genomics**

This initiative, supported through Hyundai Motor India’s CSR efforts, aims to bring hope, precision care, and brighter futures for every child battling cancer.

## CSR PROJECT SHOWCASE



### From Waste to Opportunity

HSBC India in partnership with IIT Madras, has established the **Centre for Resource Efficiency, Recyclability & Circularity in Energy Transition**. This pioneering initiative will tackle the growing challenge of **waste from batteries, solar panels**, and plastics in the renewable energy sector. By advancing research and developing scalable recycling technologies, the Centre aims to reduce hazardous impacts, recover valuable resources, and drive circular economy models that align with India’s net-zero goals.

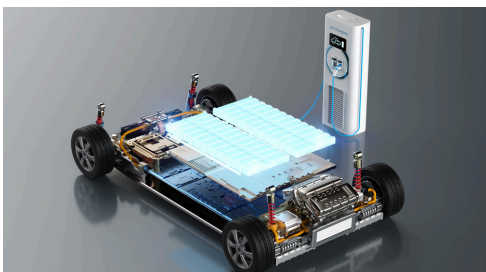
Key outcomes include:

- **Scalable solutions for battery, PV, and plastic waste recycling**
- **Safer communities with reduced environmental pollution**
- **New opportunities for recycling industries and innovation**
- **Resource efficiency and ESG alignment for manufacturers**
- **Long-term climate resilience and ecosystem conservation**

To know more such projects, connect with us. **Email: [csrpartner@ia.iitm.ac.in](mailto:csrpartner@ia.iitm.ac.in)**

## CSR SPOTLIGHT

### Driving the Future



One of the biggest hurdles to EV adoption is charging. Traditional plug-in stations face accessibility issues, long wait times, and infrastructure limits, discouraging potential users.

As India pushes toward cleaner mobility, innovative charging solutions are crucial. Our CSR initiative addresses this by supporting research in **Dynamic Wireless Power Transfer (DWPT)** technology, enabling EVs to charge wirelessly while in motion or stationary. This eliminates the need for plugs and enhances convenience, safety, and efficiency.

Benefits & Impact

- **Seamless on-the-go charging**
- **Faster EV adoption for lower emissions**
- **Improved user convenience, technological leadership for India**
- **Robust testing framework to ensure safety and scalability**

By investing in DWPT, we are not just solving today’s challenges but powering the future of green mobility.

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



## NEWS AND EVENTS

### IIT Madras tops NIRF once again



In a landmark achievement for Indian education, IIT Madras has been ranked **No. 1 in the ‘Engineering’** category for the **10th consecutive year** in NIRF 2025 and **No. 1 in the ‘Overall’ category for the 7th consecutive year**, reinforcing its leadership in Indian academia. The Institute has held the top spot in Engineering since NIRF rankings began.

IIT Madras also secured the **No.1 rank in the ‘Innovations’** category, improving from No.2 last year. In the ‘Research Institutions’ category, it retained Rank No.2, following IISc Bangalore. Additionally, IIT Madras achieved the **No. 1 position in the newly introduced ‘Sustainability Development Goals’ (SDG)** category, highlighting its commitment to innovation, research excellence, and sustainable development.

## PARTNER SPEAK

Through initiatives like Project Starlight, we seek innovations in 5G, connectivity, and AI, and are proud to collaborate with IIT Madras. This is our second year of engagement—after sponsoring the Never Settle Scholarship, as we remain committed to nurturing talent and giving back to society.



**Mr. Ramagopala Reddy**  
Vice President, OnePlus 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!

