



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
OFFICE OF ALUMNI AND CORPORATE RELATIONS

CELEBRATING THE GENEROSITY OF MR. KAMAL DUGGIRALA

IMPACT OF YOUR GIVING IN
2023



Greetings! IIT Madras continues to retain her top position for the eighth consecutive year, in the National Institute Ranking Framework, thanks to the world-class research of its faculty and students. The contribution and support of Alumni and well-wishers like you has crucially helped this standing and stature. Our achievements in research, education, innovation and entrepreneurship have also earned us the recognition of an 'Institute of Eminence' as well as the top position in the Atal Innovation Ranking from the Government of India.

The institute is making an indelible mark with her 'research with impact' in several areas including quantum computing, drinking water technology, industrially relevant mathematical models for governance, rendering cancer-cure more effective. Our centres of excellence, the Center for Innovation, Nirmaan – the pre-incubator, the Incubation Cell, technology centres such as 'IITM-Pravartak' and others, work in unison for not just our nation's building, but societies world-wide. We aspire to be locally impactful and globally relevant through all these efforts.

Towards exploring new research frontiers, a Department of Medical Sciences and Technology has been launched in May 2023 to conjoin medicine and engineering. Similarly, a School of Sustainability was also created in October 2023 to research sustainable practices in the Global South. The campus is moving towards a 'carbon-net-zero' goal through water conservation by 100% recycling, efficient garbage disposal, and electrification of vehicles. The traditional education system is undergoing a paradigm shift, with our online Bachelor of Science programme in Data Sciences and the National Program of Technology Enhanced Learning, that have won Gold in the 'Lifelong Learning' category and Silver in the 'Best Online Program' category of the Wharton-QS Reimagine Education Awards 2022 respectively. IIT Madras is leading this revolution from the front.

Such achievements are not possible without the deep-rooted faith and support of alumni and well-wishers such as yourself. We are indebted to you for your generous, bountiful, and impactful contributions. On behalf of IIT Madras, I offer you our deepest gratitude for continuing to strengthen the Institute. Together with your support, we are confident of building an IIT Madras that is more inclusive, diverse, and enabled by an ecosystem to be nationally relevant and globally recognised



DIRECTOR'S MESSAGE

PROF. KAMAKOTI
VEEZHINATHAN
DIRECTOR, IITM

Greetings! I express my heartfelt gratitude to you for your generous support to IIT Madras. We appreciate your passion in supporting the causes you do and I assure you that your contributions will be optimally utilized. This report has been compiled to convey how your largesse has touched lives and made a difference at IIT Madras. In keeping with the rapid, contemporary strides in science, technology we have set ambitious goals for ourselves - your continued enthusiasm and support will help us greatly in these endeavors.

IIT Madras is far more diverse in its set of pursuits, more green and more research-focused. And yet, it remains unchanged over these years, it is still the best Institute in the country, and attracts the best students that India has to offer to come and make a mark. I also cordially invite you to visit your campus to see for yourself, the impact of your contribution, and the growth and transformation the Institute has undergone over the years.

We can never express our gratitude enough for all that you have done - Thank You!



DEAN'S MESSAGE

PROF. MAHESH PANCHAGNULA
DEAN, ALUMNI &
CORPORATE RELATIONS
IITM

Mr. Kamal Duggirala is an esteemed alumnus of IIT Madras. He completed his B.Tech in Electronics (Batch of 1981). He is currently the CEO at Alpha Omega Financial Systems, a leading provider of FIX-based post-trade solutions for both asset managers and broker dealers worldwide. He pursued his Master of Science from the University of California, Berkeley and his Master in Business administration from the University of California, Berkeley, Haas School of Business. He currently also holds the position of a Board Member at IIT Madras Foundation.

Mr. Duggirala has been generous in his contributions over the years to the various developmental activities at IIT Madras.

SUMMARY OF YOUR CONTRIBUTIONS TOWARDS IIT MADRAS

IIT Madras
Foundation
Operations

Women Leading IITM
Endowment

IITM Innovation and
Entrepreneurship
Endowment Fund

1981 Batch Ruby
Reunion E-mobility
Buses

Keep it Flowing -
Godaverri

1981 Ruby Reunion
Project -
Modernisation of CFI

IIT MADRAS FOUNDATION OPERATIONS

IIT Madras Foundation Operations manage the confluence of functions needed to achieve the IIT Madras Foundation goals. Critical activities that the Operations delivers include enabling the volunteer driven efforts to raise awareness through marketing and personal engagement of alumni, managing and deploying funds raised, working with IITM. The Operations at IITMF are managed to provide the level of transparency and accountability necessary to not only maintain the non-profit status and rating that the organization strives for, but more crucially, to provide the confidence to our donors that their philanthropic gifts are utilized as intended. The operational funds support the systems and processes as well as personnel that the organization engages to deliver these important outcomes. IITMF has consistently achieved a four-star rating with Charity Navigator for its Accountability & Finance excellence.



IITM INNOVATION AND ENTREPRENEURSHIP ENDOWMENT FUND

The Avishkar student team at IIT Madras have developed several versions of a sub-scale hyperloop pod and participated in the International Hyperloop Competition every year since 2018. Last year, IIT Madras received a grant of Rs. 8.34 crores to create a 400m sub-scale vacuum tube hyperloop infrastructure at the IITM Discovery campus. Per the direction from Prof. Kamakoti, we have agreed to develop a hyperloop pod prototype with a higher degree of commercialization potential when compared to the Avishkar student team pod for operation in this facility. He also suggested that to achieve this goal, the engineers from TuTr Hyperloop and Avishkar students should work as a single team for the IIT Madras Hyperloop initiative to get this prototype ready by early next year. The material costs for developing this prototype pod are being covered by the funds available in the Railways grant. The Rs. 75 Lakhs received from the Innovation and Entrepreneurship Fund is being utilized to meet the manpower cost of the full time engineers who are working with the IITM students for a period of seven months beginning September 2023. Dr. Aravind Bharadwaj (CTO- TuTr Hyperloop) has agreed to mentor, free of charge, the Avishkar student team and the TuTr engineers to develop this prototype pod and the pod for the student competition next year under a common IIT Madras hyperloop initiative – Hyperloop Technology Centre (HyTeC@IITM).

Website



Avishkar Hyperloop

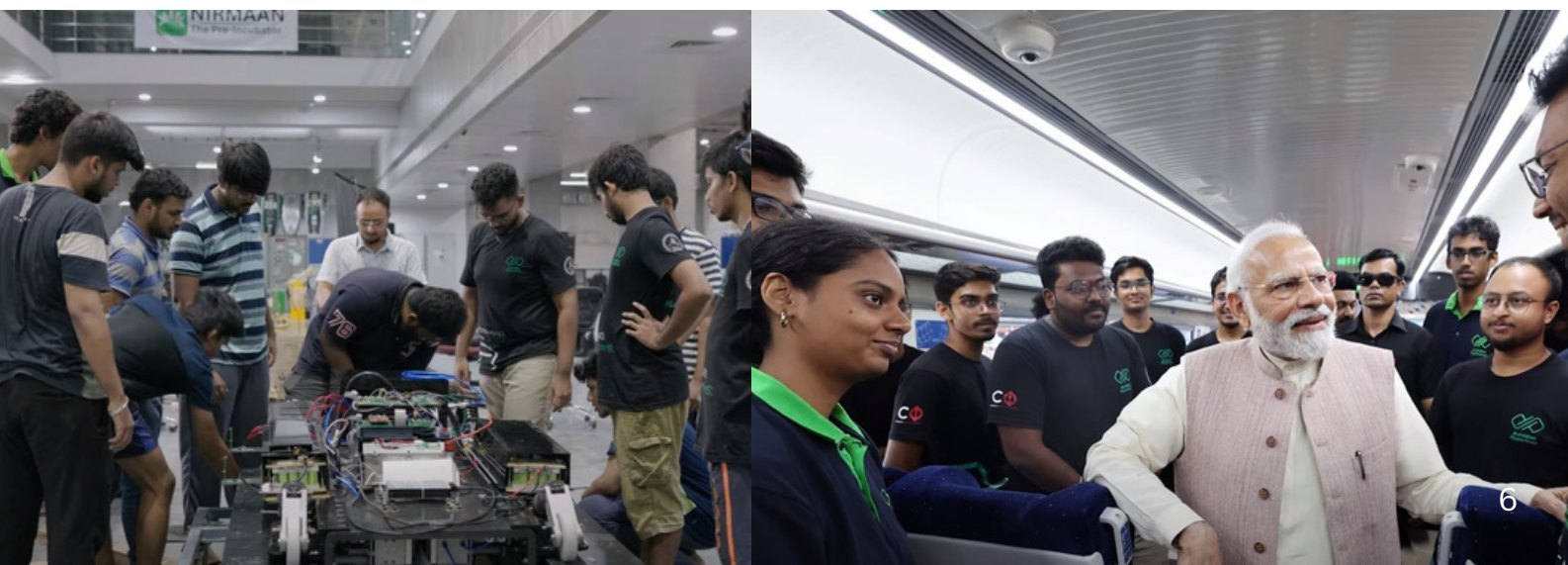


Press release



The making of Garuda | A short documentary | Avishkar Hyperloop 6.0

CLICK HERE



KEEP IT FLOWING - GODAVARI

Keep It Flowing is a movement to seek contributions from IITM Alumni to refurbish our hostels. The plan is to renovate these rooms to contemporary standards and provide infrastructure worthy of the #1 engineering institution in India! And that is only possible with all your help and support.

The renovation work in Godavari Hostel was started on 24.08.2022. The following set of works were identified to be executed across the hostels:

- 1** Face-lifting of Corridors
- 2** Face-lifting of Restroom
- 3** External repair works





FACE-LIFTING OF CORRIDORS

As part of carrying out this activity the existing concrete floor was broken using drilling equipment. The concrete flooring was replaced with granite flooring.





FACELIFTING OF RESTROOMS

The existing setup was dismantled and the restrooms have been completely remodelled





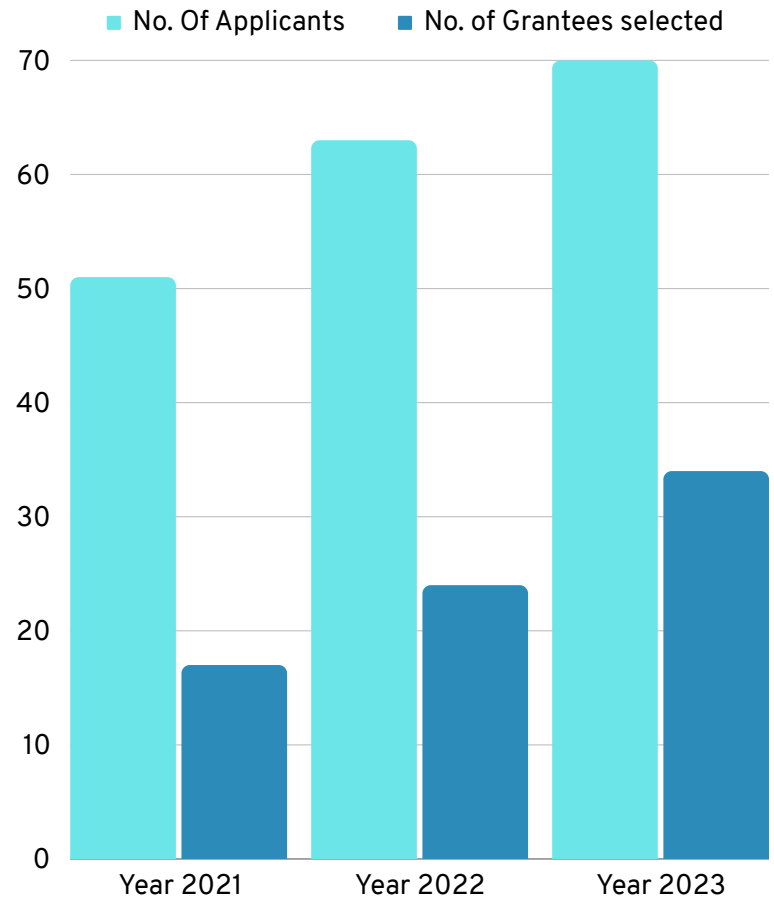
EXTERNAL REPAIR WORKS

Minor works such as plastering, repairing roof tiling, repairing of damaged parapet walls etc were taken up.



WOMEN LEADING IITM ENDOWMENT

Education is an important factor in empowering women. If women's empowerment in the true sense is ever to be realized, it could be only through education. Education brings prosperity not only to the woman and her family but also to the nation. IITM has made considerable progress in improving the number of women students/ faculty & creating opportunities for success. IIT Madras launched the 'Women Leading IITM' (WLI) program on March -08th 2021 to boost women's leadership in science and technology. Launched in 2021, Women Leading IITM is a program to Nurture, Develop and Support women's talent at IITM along with their study/professional careers.



The goals of the 'Women Leading IITM' program

1. Increasing the percentage of women faculty in Assistant Professorships to 20% from the current 15%
2. Generating 30% of all faculty applications from Women candidates
3. Grantees expected to graduate to leadership roles within IITM
4. Next-generation ambassadors for enabling a gender balanced IITM
5. Establish an award for Women Faculty in Leadership

(Institute already has awards for staff in leadership and given the good presence of women in staff, many have been getting it over the years)

Click below further details on the committee members and recipients of the 'Women Leading IITM' program.

[CLICK HERE](#)

1981 BATCH RUBY REUNION E-MOBILITY BUSES



After 40 years, the graduating class of 1981 got back together for their belated Ruby reunion on December 21, 2022. During this reunion, the batchmates unanimously agreed to contribute towards the incorporation of E-mobile buses at IIT Madras campus.

Project update:

- Call for the Tender process for E-bus has been completed
- Technical review with supplier is completed
- Technical review with supplier is completed
- Financial bid open / Purchase order release to the supplier is in progress
- Delivery lead time is three months from the purchase order date and the first E-bus is expected to be in campus at the earliest.

E-CART

6 E-carts were purchased and launched on July 7th, 2023, and are currently being used inside the campus. This e-cart has been immensely useful to the students and faculty alike in moving around the campus. Visitors have also used it to enjoy the scenic beauty of the campus.



1981 RUBY REUNION PROJECT - MODERNISATION OF CENTER FOR INNOVATION

The Sudha and Shankar Innovation Hub is a veritable boon for the ingenious minds of IIT Madras- offering them a fertile space to harvest their ideas and bring them to life. This much sought-after hub was inaugurated on January 12th, 2023. This innovation hub has been envisioned by its pioneers, to be the epicentre of all innovation and entrepreneurship and in turn strategically hosts the following centres:

Several
Innovation centres
under Sudha & Shankar
Innovation Hub

Centre for Innovation
(CFI)



NIRMAAN -
ThePre-Incubator



Gopalakrishnan-Deshpande
Centre for
Innovation
(GDC)

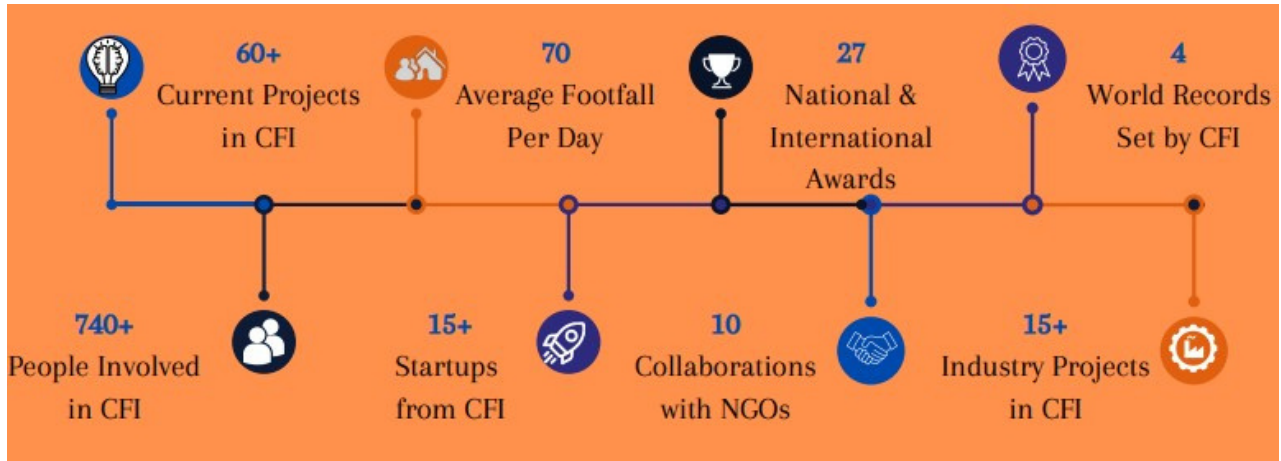


Centre for Social
Innovation and
Entrepreneurship
(CSIE)



CENTRE FOR INNOVATION (CFI)

Centre for Innovation (CFI) was seeded in 2008 by the Class of 1981 and is supported by the Classes of 1991, 1990 and the Jamuna Hostel inmates of the 1991 Batch. The CFI was inaugurated by the Hon'ble. Vice President of India, Shri. Jagdeep Dhankar on February 28, 2023. 15+ Startups from CFI 10 Collaborations with NGOs 740+ People Involved in CFI 70 Average Footfall Per Day 27 National & International Awards 60+ Current Projects in CFI 4 World Records Set by CFI 15+ Industry Projects in CFI The centre will help students translate their innovative ideas into working prototypes. The CFI boasts 14 clubs and six teams that will take part in national and international competitions.



NIRMAAN - THE PRE-INCUBATOR

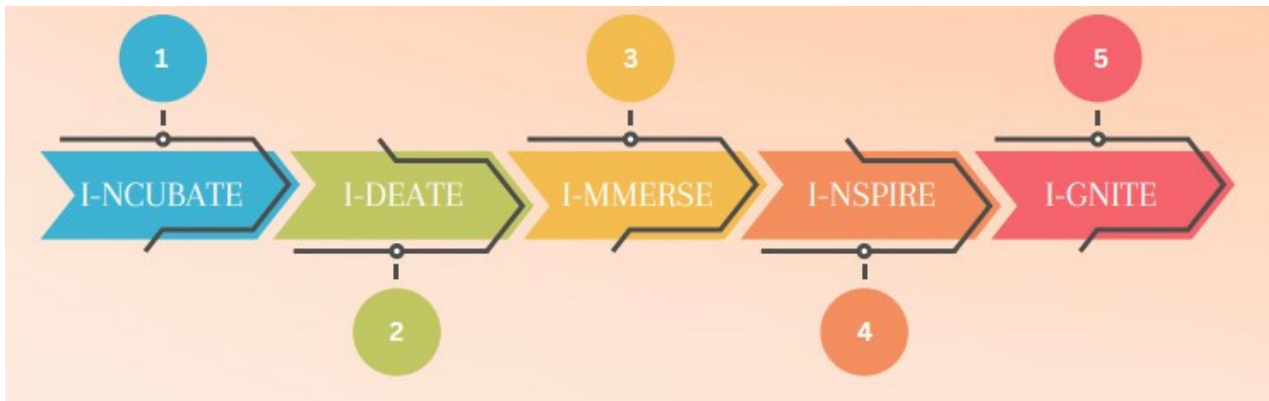
Nirmaan, the pre-incubator, was initially setup during the year 2015 and was funded by Shri. Lakshmi Narayanan, the former CEO of Cognizant and former Chairman of ICT Academy and the Class of 1992 of IIT Madras.

Nirmaan enables creative projects to explore business potential and helps committed teams to validate their ideas, and their approach to market, leading to establishment of a start-up company.



GOPALAKRISHNAN – DESHPANDE CENTRE (GDC)

Gopalakrishnan-Deshpande Centre (GDC) for innovation has been funded by three eminent alumni of IIT Madras - Dr. Gururaj Deshpande, Mrs. Jaishree Deshpande and Mr. Kris Gopalakrishnan. GDC build capacity in researchers from STEM universities, incubators, research institutions and corporates to maximise the impact of deep-tech research through scalable start-ups. It enables faculty and researchers in STEM universities across India to commercialise their research ideas and innovations, help them transition from lab to market.



CENTRE FOR SOCIAL INNOVATION AND ENTREPRENEURSHIP

The Centre for Social Innovation and Entrepreneurship was founded during the month of August 2010. Realising that one root causes for poverty is the lack of access to markets and resources. CSIE mainly aims at entrepreneurship and innovation that will positively impact and solve the problems & challenges faced by the financially poor people. It helps to apply the principles and guidance used by startup founders and entrepreneurs to a business that directly generates social change or impacts a social cause.



Click here for more information on S&S Innovation Hub

[CLICK HERE](#)

WE ARE GRATEFUL TO YOU MR. KAMAL DUGGIRALA & MRS. MANIKYA DUGGIRALA



We express our heartfelt gratitude for your continued and generous support to IIT Madras throughout the years. We trust that you take great pride in your bond with IIT Madras and the unwavering dedication it has demonstrated towards academic and research excellence since the time of your association.

Your invaluable contributions, alongside the support of your family, have played a pivotal role in facilitating this remarkable growth. We are privileged to have you and your family walking with us along this journey. We extend our best wishes to you and your family. We thank you for your continued support to your alma mater.



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December 2023

