



Indian Institute of Technology Madras  
Office of Alumni and Corporate Relations

*Celebrating the Generosity of*

**Dr. Vijayanand Vusirikala**



**IMPACT OF YOUR GIVING IN  
2023**

## Director's Message

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 to conjoin medicine and engineering. Similarly, a School of Sustainability is on the horizon to research sustainable practices in the Global South. The campus is moving towards '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. Thank you!



**Prof. Kamakoti Veezhinathan**  
Director, IITM

## Dean's Message

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 utilised. 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 endeavours.

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 !



**Prof. Mahesh Panchagnula**  
Dean, Alumni & Corporate Relations, IITM

**"GIVING IS NOT JUST ABOUT  
MAKING A DONATION -  
IT'S ABOUT  
MAKING A DIFFERENCE"**





# Dr. Vijayanand Vusirikala

[1992/BT/EE]

Dr. Vijayanand Vusirikala is a technology leader at Google with over 13 years of experience in building highly scalable global networks for data centres and cloud operators. Currently serving as the Senior Director and Head of Global Network Foundations, Dr. Vijayanand leads a global team responsible for developing foundational network technologies, including routing, optical transport, control and management planes, and software systems. His expertise lies in scaling, automating, and optimizing Google's production network, driving innovation and efficiency in network architecture and operations.

Dr. Vijayanand holds a Ph.D. in Electrical Engineering from the University of Maryland, complementing his doctoral studies he also holds a Master's degree in Physics from the University of Maryland and a Bachelor's degree in Electronics and Communications Engineering from the Indian Institute of Technology, Madras. Beyond his professional accomplishments, Dr. Vijayanand actively engages in causes and organizations related to science, technology, and education, further showcasing his commitment to empowering future generations through education and technology.

## CAREER TRAJECTORY:



**Product Development Engineer,  
Optical Modules**  
TE Connectivity

Jan 1998 – Mar 2000



**Director, Marketing**  
Motorola

Jan 2005 – Sep 2006



**Director, Technical  
Marketing**  
Infinera  
Sep 2006 –  
Jan 2010



**Consulting Engineer  
(Distinguished Engineer), Systems  
and Network Architecture**  
Sycamore Networks

Mar 2000 – Jan 2005

**Staff Network Architect**  
Google

Jan 2010 – Sep 2012



**Principal Engineer, Network  
Technologies & Architecture**  
Google



**Sr. Staff Architect & Head,  
Optical Architecture &  
Engineering**  
Google

Sep 2012 –  
Sep 2017

Sep 2017 – Mar 2021



**Sr. Director,  
Technologies**  
Google



**Sr. Director and Head, Global  
Network Foundations**  
Google

Mar 2021 –  
Mar 2022

Mar 2022 – Present

# CAUSES CONTRIBUTED

**1992 Batch Silver Reunion -  
Nirmaan Infrastructure in New  
CFI Building**

**Women Leading IITM**

**KG Venkatasubramanian Merit-Cum-Means  
Scholarship Endowment - 1992 Batch**

**IITM Foundation Annual Project Fund (Unrestricted)**

**IITM Foundation Annual Endowment Fund (Unrestricted)**

# 1992 BATCH SILVER REUNION – NIRMAAN INFRASTRUCTURE IN NEW CFI BUILDING

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.

The Class of 1992 also funded for NIRMAAN to be incorporated in the new CFI building. It was inaugurated on January 12, 2023, by Prof. Mahesh Panchagnula, Dean of Alumni & Corporate Relations, and Prof. Pratap Haridoss, Dean Academic Courses of IIT Madras who represented the Class of 1992.



*Prof. Mahesh Panchagnula and Prof. Pratap Haridoss inaugurating Nirmaan*

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

## Our Impact



**140**

Total Startups



**44**

Active Teams



**19**

Graduated Teams



**300+**

Entrepreneurs



**12Cr+**

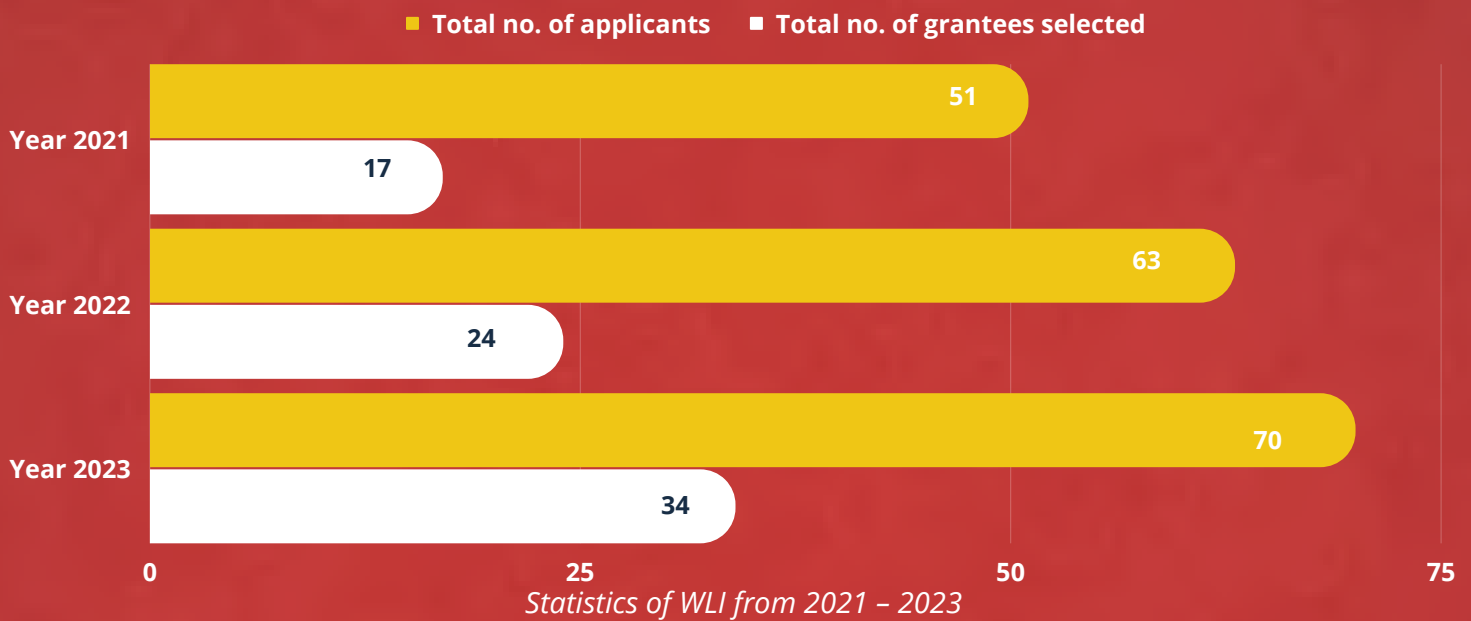
Funds Raised



# WOMEN LEADING IITM

Education is considered a milestone for women empowerment because it enables them to face various challenges, confront their traditional roles, and bring change to their lives.

IITM has made considerable progress in improving the number of women students/ faculty and creating opportunities for their success. IIT Madras launched the “Women Leading IITM” (WLI) program on March 8th, 2021, to uplift women’s leadership in science and technology. WLI is a program to nurture, develop and support women’s talent at IITM along with their study/professional careers.



## Some Achievements of WLI Grantees for the year 2022-2023



Ms. Vaishnavi S (Ph.D. Scholar, Dept of Biotechnology) received the Best Presentation Award at the 15th Asian Congress on Biotechnology Conference, Indonesia



Ms. Harija Harkumar (Ph.D. Scholar, Dept of Chemical Engineering) has won 1st prize in Student Presentation Award at the 15th International Conference on Sensing Technology, ICST'15, Australia.

## Some of the Grantees of WLI 2023



**AISHWARYA RAMESH**  
Ph.D Scholar  
Dept of Management Studies

**JESNA**  
Ph.D Scholar  
Dept of Civil Engineering



**AMBILI B**  
Ph.D Scholar  
Dept of Civil Engineering

**K LEENA**  
Ph.D Scholar  
Dept of Biotechnology



**ANBUTHANGAM A**  
Ph.D Scholar  
Dept of Metallurgical and  
Materials Engineering

**SRILAKSHMI K**  
Ph.D Scholar  
Dept of Ocean Engineering



To know more about the beneficiaries

[CLICK HERE](#)



## KG VENKATASUBRAMANIAN MERIT-CUM-MEANS SCHOLARSHIP ENDOWMENT – 1992 BATCH

### Voice of the beneficiaries:



**Soham Gandhi**

B.Tech - Civil Engineering

*"I am writing this message to express my deepest gratitude for the scholarship you have bestowed upon me. Your support and belief in my potential have not only relieved my family of the financial burden but also inspired me to pursue my dream with renewed determination. Thanks from the bottom of my heart."*



**Vaishnavi Sinha**

B.Tech - Metallurgical and Materials  
Engineering

*I am writing to express my deepest gratitude and appreciation for the incredible opportunity you have bestowed upon me through the scholarship. Your selfless contribution has lightened my financial burden and allowed me to focus wholeheartedly on my studies. I am humbled and honored to be a recipient of your scholarship. Thank you for your belief in my potential and for giving me the opportunity to pursue my dream.*





# IITM ANNUAL ENDOWMENT FUND (UNRESTRICTED)

The funds received towards IITM Annual Project Fund (Unrestricted) was also used towards this cause.

## Causes supported through the funds received:

- Women Leading IITM
- AM-I Challenge – Institute Day Award
- Monkey Proofing for Quark Building
- B R Ambedkar Memorial Endowment
- Techkids

## AM – I CHALLENGE – INSTITUTE DAY AWARD

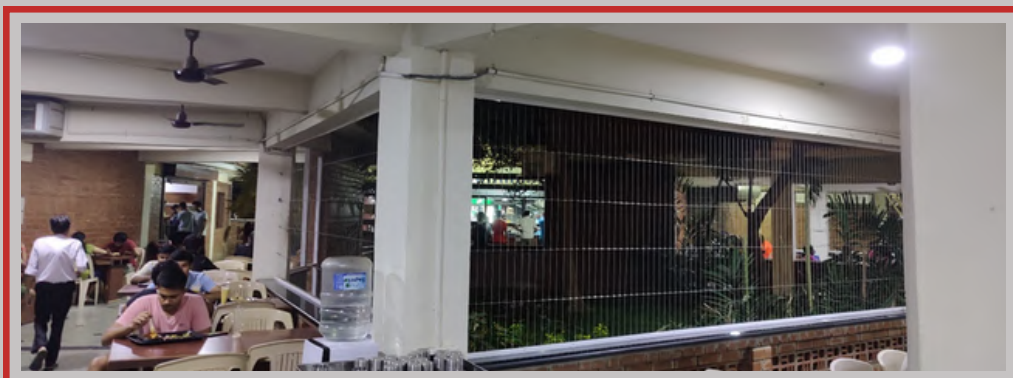
AM – I (App for My Institute) Challenge was started to encourage students to come up with different applications that will be of benefit to the institution in various ways. Winners are honoured during the Institute Day every year. This initiative began in the Year 2023 and the winners of the first App for My Institute Challenge are Team Minty Gang comprising of Abhijit Hota (CE19B033), Rohith Suresh (EP20B029), and Ishaan Jalan (BE20B014).

The problem statement they worked on revolved around the safety of the residents of the campus. They created a security system consisting of a mobile application for the residents, an administrator dashboard for the security personnel and a backend that handles all the computations and data storage



## MONKEY PROOFING FOR QUARK BUILDING

Monkey-proofing work is completed at the Quark building to restrict the entry of monkeys into the cafeteria.



## B R AMBEDKAR MEMORIAL ENDOWMENT

B R Ambedkar Memorial Endowment is awarded to meritorious children whose parents are employees of IIT Madras and also part of the SC/ST Employees Welfare. They were honoured during the 132nd birthday celebration of Dr. B R Ambedkar on 19th April at the Central Lecture Theatre (CLT). The students with the highest marks in standard 10 and 12 were identified and awarded certificates and mementos along with cash awards.



## TECHKIDS

The origins of Tech Kids trace back to the 1990s when the staff club ran it. Around 1997, with the initiative of Prof. Natarajan (then the Director), it received official recognition from the Institute. It serves as Daycare for students of faculty, staff, and students of IIT Madras. Some of the initiatives taken up by the Managing committee of Tech Kids are:

- Salary increments for Daycare staff, teaching assistants and Daycare in-charge.
- Annual Day celebrations
- Summer camp



# Memories to be cherished!

## Convocation 1992

THEN

&

NOW



*We are grateful to you  
& your family*

## **Dr. Vijayanand Vusirikala**

*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.*



Indian Institute of Technology Madras, Chennai – 600036  
[www.iitm.ac.in](http://www.iitm.ac.in)

For more information, please contact:  
Office of Alumni and Corporate Relations  
T: +91-44-2257 8390 | [acr.iitm.ac.in](mailto:acr.iitm.ac.in)



July 2023