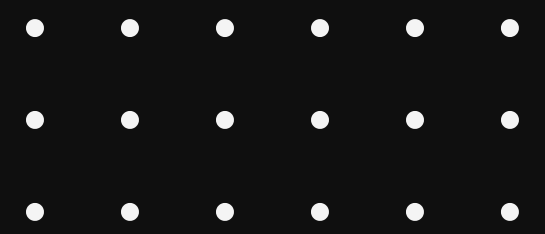




Indian Institute of Technology Madras
Office of Alumni & Corporate Relations



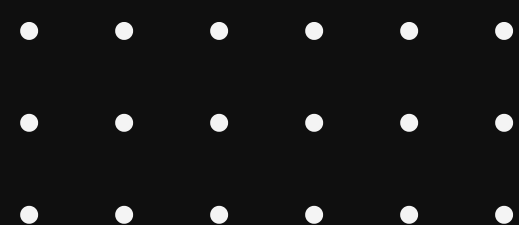
Celebrating the Generosity of

Dr. Girish Muckai



**Impact of Your
Giving in**

2024



Director's Message

Prof. V. Kamakoti



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, unwavering dedication and creative mindset of its faculty and students. The contribution and support of Alumni and well-wishers like you have 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.

IIT Madras is making an indelible mark in promoting and providing education to students from the length and breadth of India to areas beyond Indian territory, through her initiatives in rural developmental educational programs, international, interdisciplinary M.Tech courses, and online diploma courses. The popularity and reach of our online courses can be gauged by the fact that around 25000 students in ages ranging from 17 to 82, have enrolled for these courses across national boundaries, and about 30% are from rural India. The institute, in a first-ever initiative by an IIT, has consolidated its position on the world map by establishing her international campus in Zanzibar, Africa where about 45 students have been admitted to different programs.

Innovation and entrepreneurship are ingrained in all our endeavours – our ambitious ventures in rocket and space explorations, the development of lab-grown diamonds, hyperloop, the Brain Research Centre etc, are a testimony to this. The start-up ecosphere is also a reflection of this spirit, wherein last year, 70 startups came to fruition, successfully nurtured by our centres of excellence, the Centre for Innovation, Nirmaan – the pre-incubator, the Incubation Cell, technology centres such as 'IITM-Pravartak' at the IIT Madras Research Park and others. This year, our target is to incubate at least a 100 Start-ups in various sectors. It is expected that at least 20% of the passing out students will be proud CXOs of their own ventures! The year 2023 also saw 221 national and 105 international patents from our Institute and we are looking to closing this current financial year with 366 patents, to account for 'a patent a day'.

Towards promoting inter-disciplinary research and exploring new frontiers, a Department of Medical Sciences and Technology was launched in May 2023, a School of Sustainability in Oct 2023, a Department of Data Science and Artificial Intelligence in Nov 2023 and a new Interdisciplinary Dual Degree program on Quantitative Finance in Dec 2023 through the synergy of the departments of Management Studies, Computer Science and Engineering and Mathematics. Our School of Sustainability has signed MoUs for collaborations with Tel Aviv University, Israel and Technische Universität Dresden, Germany, with the aim of being recognized as a leader for sustainability teaching and research in the global south.

Lofty ambitions and achievements are impossible without the deep-rooted faith and support of alumni and well-wishers like yourself. We are indebted to you for your bountiful, impactful contributions and the faith reposed on us. On behalf of IIT Madras, I express my 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 seized of tomorrow's needs to be nationally and globally relevant.

Thank you!

Dean's Message

Prof. Mahesh Panchagnula



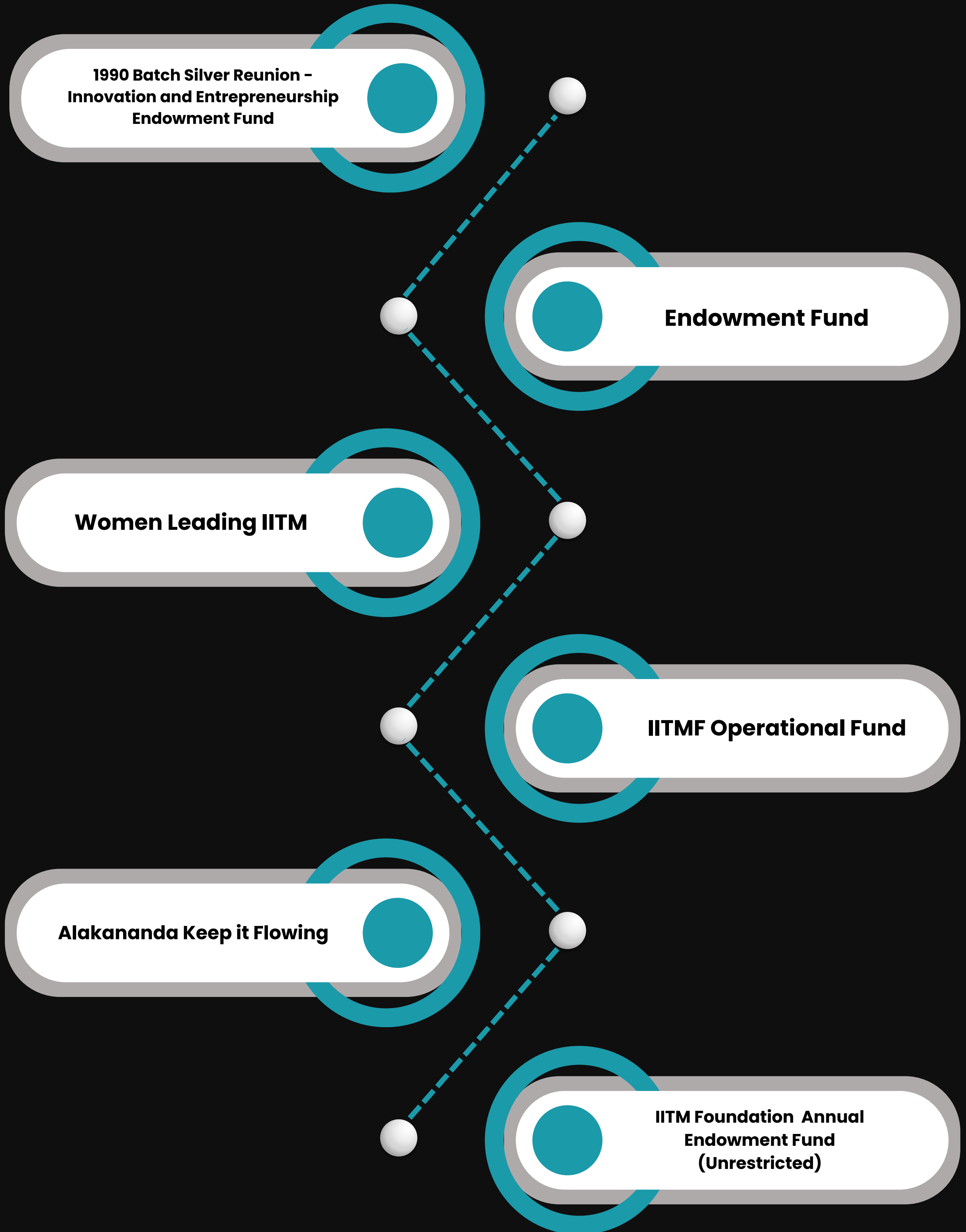
Greetings from the Office of Alumni and Corporate Relations!

Please accept my sincere appreciation for the unwavering support you continue to provide to IIT Madras. Your generosity is the cornerstone of our success, and we are truly grateful for your commitment to the causes that are important to the students and faculty of IIT Madras. This report is a testament to the profound impact your contributions have had –by transforming the lives of students, supporting research, augmenting Institute infrastructure, enhancing learning or through supporting other myriad causes. Your trust in us propels our ambitions, and we are committed to ensuring that your donations are utilized to their fullest potential.

In a world evolving rapidly in science and technology, we have set ambitious goals for ourselves. Your enduring enthusiasm and support provide fillip to our efforts. IIT Madras stands as a beacon of diversity, sustainability, innovation and research excellence. While we have transformed over the years, our commitment to being a premier institute in the country and abroad, remains steadfast, attracting the brightest minds from across the globe. I cordially invite you to visit the campus, witness first-hand the salutary impact of your contributions, and observe the Institute's growth and evolution over the years. Your generous gifts have made an incredible difference in our Institute's aspirations – Thank you! Your continued partnership is invaluable as we navigate the exciting journey ahead, shaping the future of India and the world together.



CAUSES CONTRIBUTED



1990 BATCH SILVER REUNION – INNOVATION AND ENTREPRENEURSHIP ENDOWMENT FUND

1990 batch silver reunion endowment interest received from the donors of United States supports E-Summit every year.

The ninth edition of the Annual Entrepreneurship Summit, hosted by the Entrepreneurship Cell of Indian Institute of Technology Madras, marked a significant milestone in fostering innovation and entrepreneurship. Held from 7th to 10th March 2024, the summit stood as a beacon of inspiration and learning, drawing over 800 founders and 5000+ students participating from 400 colleges across India.

This year's summit distinguished itself by being the first student-run entrepreneurial festival in India to receive ISO, Startup India, MakeInIndia and UNESCO certifications. Supported by esteemed partners including WestBridge Capital, SBI's Startup Branch, and Honda Motorcycle and Scooter India Ltd., E-Summit 2024 featured a stellar lineup of over 35 investors and 40 notable speakers.

Four dynamic conclaves – Youth Conclave, Innovators' Conclave, Start-up Conclave, and Startup Essentials Conclave – provided a platform for knowledge sharing, networking, and exploration of entrepreneurial opportunities. The summit also showcased a Startup Expo, attracting 100 innovative startups to present their groundbreaking ideas to a diverse audience of over 15,000.

KEY HIGHLIGHTS



IMPACT CREATED

- ▶ 80+ internships offered in leading startups across India to IITM Students through Startup Intern fair.
- ▶ 43 incubation offers to early stage startups from top incubators across the country
- ▶ 50 Startups selected to be part of Bootcamp, a startup accelerator program, with top 10 startups receiving equity free incubation
- ▶ 100 Startups to display and showcase their products and businesses to top VCs, successful entrepreneurs, professors of IIT Madras and students through Startup Expo 2024
- ▶ Launch of Entrepreneurship Cell in IITM Zanzibar Campus by Hon'ble Governor of Tamil Nadu
- ▶ Launch of 8th Edition of E-Insider Magazine by Hon'ble Governor of Tamil Nadu
- ▶ Unveiling of Drachen 5K, a 1:4 Unmanned Combat Aerial Vehicle prototype designed to fly at 200 kmph at an altitude of 5000 feet by Prof. V. Kamakoti, Director of IIT Madras. The UAV is built by Arctus Aerospace, a startup founded by Shreepoorna S Rao, a final year undergraduate student at IIT Madras
- ▶ E-Cells communities established in 25+ colleges including international ones, taking total pool of partner colleges to 100+ through Entrepreneurship Development Drive
- ▶ Workshops conducted in 50+ schools across India to introduce 30K+ students to entrepreneurship as a career pathway through the E-21 program
- ▶ Radio broadcasts and offline visits to 25+ villages in Tamil Nadu to create awareness about government schemes for rural entrepreneurs through E-Cell's social campaign Udaan



ENDOWMENT FUND

Below are the causes supported through the funds received

1 Tech Kids

2 BR Ambedkar Memorial Endowment

3 Women Leading IITs

AM-I Challenge Institute Day Award

Monkey Proofing at Quark Building

NASA May Day Celebration

4

5

6

TECH KIDS

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



MONKEY PROOFING FOR QUARK BUILDING

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



WOMEN LEADING IITs

The Women Leading IITs-WLI is a collaborative initiative between IIT Madras, Mckinsey & Co, and Growing Leadership for Women (GLOW) to provide the impetus and inputs for select women faculties across IITs to enhance their leadership potential. This helps to

- ▶ Enhance self-awareness and identify their own biases, beliefs, and strengths
- ▶ Enhance interpersonal skills
- ▶ Build networking and influencing skills
- ▶ In-person networking session
- ▶ Mastering difficult conversations

NASA MAY DAY CELEBRATIONS

The International Labour Day is celebrated every year on May 1st to commemorate the struggles and sacrifices of the workers and laborers. It is also known as May Day. The funds raised towards this cause is used for the celebration conducted on May Day.

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.



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.



WOMEN LEADING IITM

The goals of the 'Women Leading IITM' program are:

- Increasing the percentage of women faculty in Assistant Professorships to 20% from the current 15%
- Generating 30% of all faculty applications from Women candidates
- Grantees expected to graduate to leadership roles within IITM
- Next-generation ambassadors for enabling a gender balanced IITM
- 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)

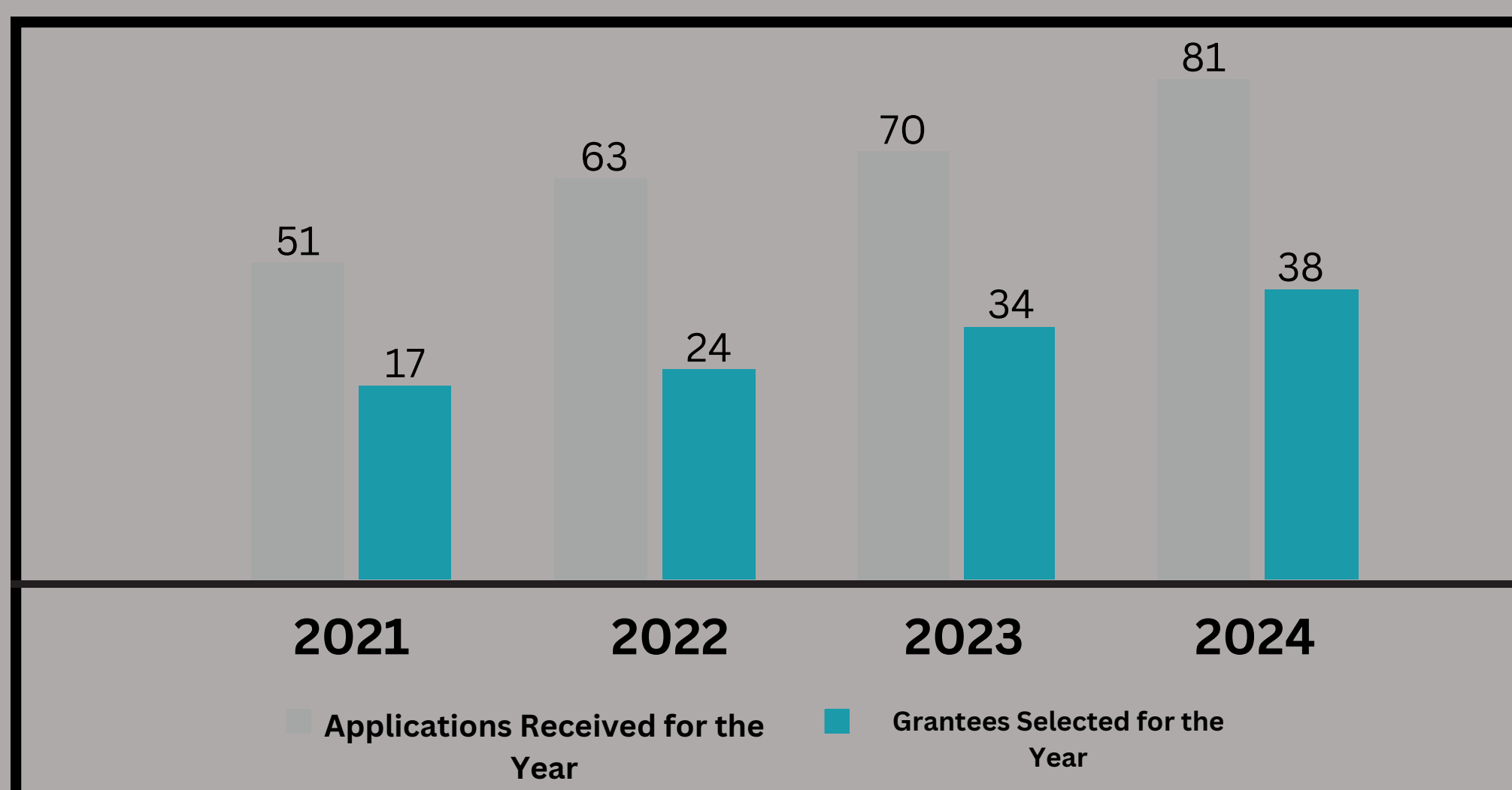
Education is an important factor in empowering women. If women's empowerment in the true sense is ever to be realized, it could be only through education. Education brings prosperity not only to the woman and her family but also to the nation.

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.

Objects pursued by the WLI program :

- ✓ Increasing the percentage of women faculty in Assistant Professorships to 20% from the current 15%
- ✓ Generating 30% of all faculty applications from Women candidates
- ✓ Grantees expected to graduate to leadership roles within IITM
- ✓ Next-generation ambassadors for enabling a gender balanced IITM
- ✓ 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)

Statistics from 2021 - 2024



Some of the WLI Grantees for the year 2024 :



Sravani Potham
PhD Scholar
Chemistry Department

Uma R
Research Scholar
Dept. of Biotechnology



Bindu Pal
PhD Scholar
Metallurgical & Materials
Engineering

Athira K K
PhD Scholar
Department of Chemistry



Panidarapu P Priyanka
PhD Scholar
Electrical Engineering

Keerthana S
PhD Scholar
Dept. of Civil Engineering



Shanmuga Priya K
PhD Scholar
Department of Physics

Carol Blaizy Dsouza
PhD Scholar
Dept. of Humanities and
Social Sciences



Testimony from some of the grantees :

"This award will enhance a valuable opportunity for my professional growth and enabling me to inspire and empower more women in the field"

"This award supports me financially and is a great encouragement at the final stage of PhD"

"WLI award will support me in shaping my career in the photovoltaic(PV) industry and will push me to contribute to the realm of PV in India"

"This award will serve as a career accelerator for me, fueling my dedication to making meaningful change in STEM through diversity and innovation"

"The WLI award will boost my confidence and also give me the perseverance for the upcoming challenges in the research work"

ALAKANANDA KEEP IT FLOWING

As of now, we are yet to reach the funding threshold, which has led to the delay in the commencement of the following hostel renovation projects.

Men's Hostels

Mahanadhi

Alakananda

Krishna

Brahmaputra

Narmada

Pampa

Sindhu

Tamraparani

Tapti



Women's Hostels

Sarayu

Sharavati

In order to enhance the living experience of the IITM students, renovation work is expected to be carried out shortly in the above-mentioned hostels once the threshold funding is met.

To read the detailed report -

[CLICK HERE](#)

IITMF ANNUAL ENDOWMENT FUND (UNRESTRICTED)

BELOW ARE THE CAUSES SUPPORTED THROUGH THE FUNDS RECEIVED :

B R AMBEDAKR MEMORIAL ENDOWMENT

The 132nd birthday celebration of Dr. B R Ambedkar was celebrated this year using the B R Ambedkar Memorial Endowment on 14th April at the Central Lecture Theatre (CLT). The contributions made by the great leader were recollected by those gathered there. Additionally, a floral tribute was also paid to him. Prof. V. Kamakoti, Director - IIT Madras was the Chief Guest for the event. Ms. Jane Prasad, Registrar - IIT Madras was the Special Guest for the event. The event also saw the participation of many other professors and staff.



MONKEY PROOFING FOR QUARK BUILDING

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



MONKEY PROOF WASTE BINS

On the World Sustainability Day, the institute launched a 'hackathon' to design a functional monkey-proof dustbin to keep these mischief makers away from wet waste baskets. The chosen design has been selected for production and installed in hostels.



WOMEN LEADING IIT'S

Research shows that the percentage of women in senior positions in academic institutions is extremely low at less than 20%. Barely 5 % of the Chairs are held by women. It is important to ensure adequate representation of women in these positions to bridge the gender gap and allow equitable representation, better decision making, innovation and research.

However, women faculty are constrained from taking on leadership positions due to both systemic biases and internal challenges. While networks like GATI and Athena Swan along with institutional support do address some of the issues, the women faculty will benefit from a leadership development program that meets their needs.

IIT Madras has taken the initiative to sponsor a leadership development journey for women faculty at the Assistant and Associate Professor levels.

The Women Leading IITs-WLI is a collaborative initiative between IIT Madras, McKinsey & Co and Growing Leadership of Women (GLOW) to provide the impetus and inputs for select women faculties across IITs to enhance their leadership potential.

WLI Program Elements :

Pre work and Program launch

- Participant selection from applications across all IITs
- Virtual Program launch
- Pre workshop assessment and pre read

Session 1 Lead Self At IIT Madras

- Enhance self awareness and identify own biases beliefs and strengths
- Debrief the Powerfulife Assessment tool
- Create a personal brand
- In person networking session

3 Speaker Sessions Over 5 months

- Virtual sessions where participants get to meet and interact from successful women in STEM
- Dr. Pratibha Jolly
 - Dr. Anuradha Ganesh
 - Prof. Shobana Narasimhan

Session 2 Lead Other At IIT Madras

- Enhance interpersonal skills
- Build networking and influencing skills
- Mastering difficult conversations
- In person networking session

One on One Coaching

1 on 1 individual coaching session with a certified external coach to finalize action plan and understand their Power Profile in detail.

Closure and Next steps

- Closure of program
- Participant sharing of experience
- Celebration of the journey

MONETARY SUPPORT FOR SHAASTRA 2024 EVENTS

Shaastra is the annual technical festival of the IIT Madras. The sanskrit word 'Shaastra' means science and the festival accordingly consists of engineering, science and technology competitions, summits, lectures, video conferences, exhibitions, demonstrations and workshops.



NASA MAY DAY CELEBRATIONS

The International Labor Day is celebrated every year on May 1st to commemorate the struggles and sacrifices of the workers and laborers. It is also known as May Day. The funds raised towards this cause is used for the celebration conducted on May Day.



RESEARCH AND EDUCATION

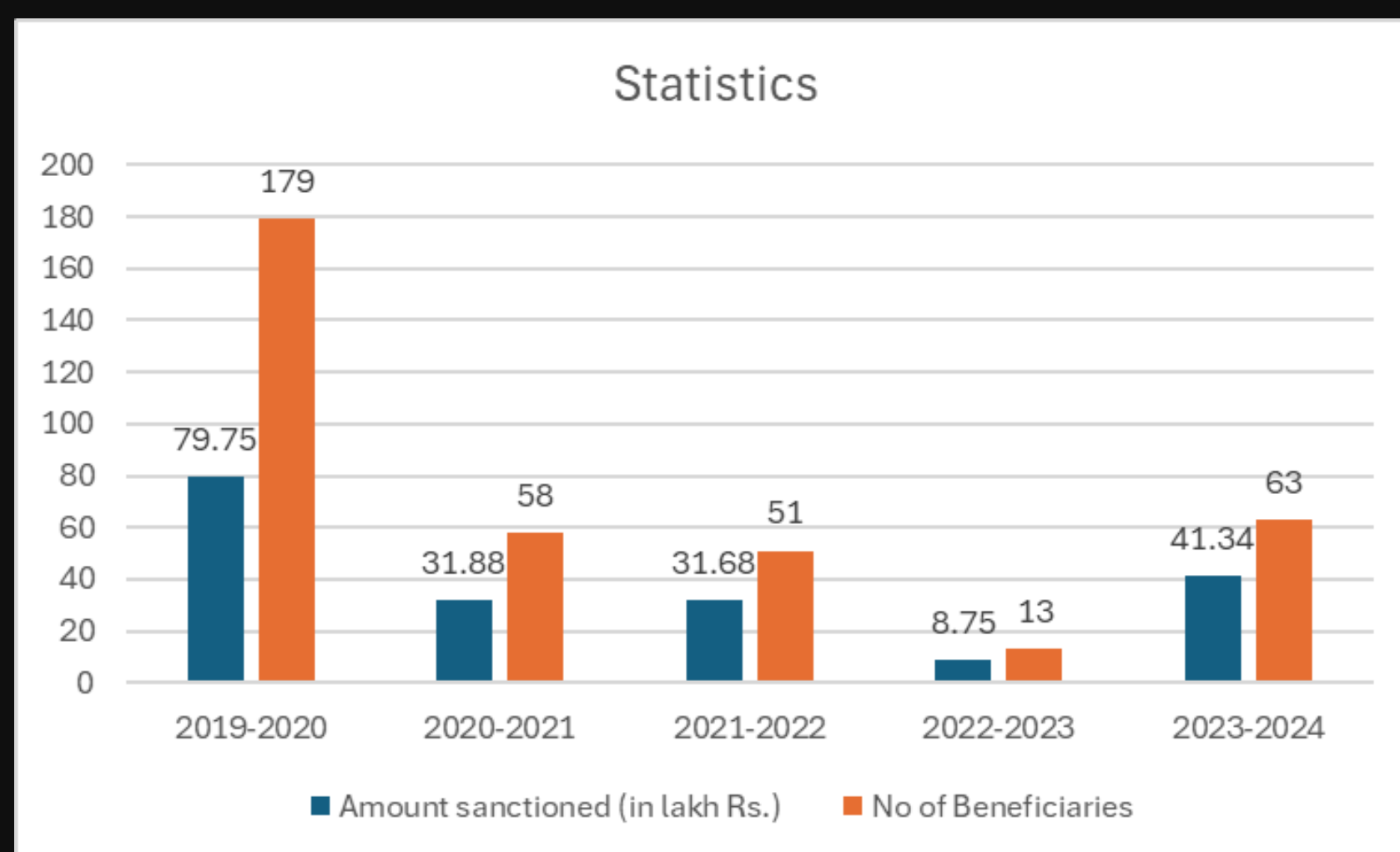
A part of the funds received was given towards the research and education needs of the students and research scholars.

STUDENT TRAVEL GRANT

The goal of this travel grant is to facilitate the professional development of undergraduate and graduate students/research scholars and faculty by supporting their travel for attending professional meetings.

This also supports exchange programs, summer schools, and joint doctoral programs which provide an opportunity for the recipient to present his/her own research. This enables recipients to interact with peers and established scientists, which also helps develop professional contacts to facilitate their career development.

STATISTICS FOR THE PAST 5 YEARS :



For detailed report -

[CLICK HERE](#)

ARRIVAL KIT FOR FRESHERS

A part of the funds received was spent towards the arrival kit that was given to the freshers. IIT logo T-shirts were given to all the freshers.

IITMF OPERATIONAL FUND

The IIT Madras Foundation is a fundraising platform to support IIT Madras' drive towards global excellence in engineering education and research.

The IITM Foundation's Operational Funds are used for the day-to-day operational expenses of the foundation incurred during the course of its ordinary business. These include the costs of administrative staff, legal, accounting, and office services and marketing (website maintenance & email campaigns) as well as donor development expenses (e. g., events and conferences, webinars etc.).

The funds we have received and continue to receive from IITMF make a difference today and create a legacy for generations to come.

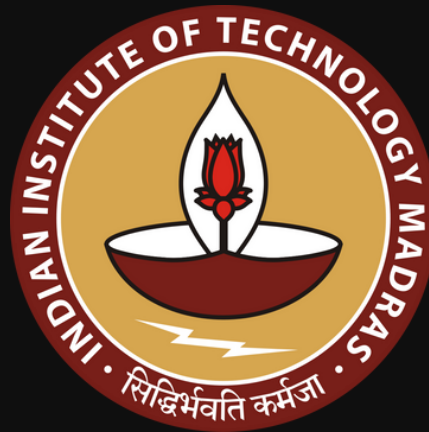


We are grateful to you and your family

DR. GIRISH MUCKAI

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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May 2024