



OFFICE OF ALUMNI AND CORPORATE  
RELATIONS

INDIAN INSTITUTE OF TECHNOLOGY  
MADRAS

*Celebrating the generosity of*

**Mr. Bala Iyer**



IMPACT OF YOUR GIVING IN 2023

# Director's Message

**Prof. KAMAKOTI VEEZHINATHAN**  
Director, IITM



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!

# Dean's Message

**Prof. MAHESH PANCHAGNULA**  
Dean, Alumni & Corporate Relations, 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 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 !



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



# Mr. Bala Iyer

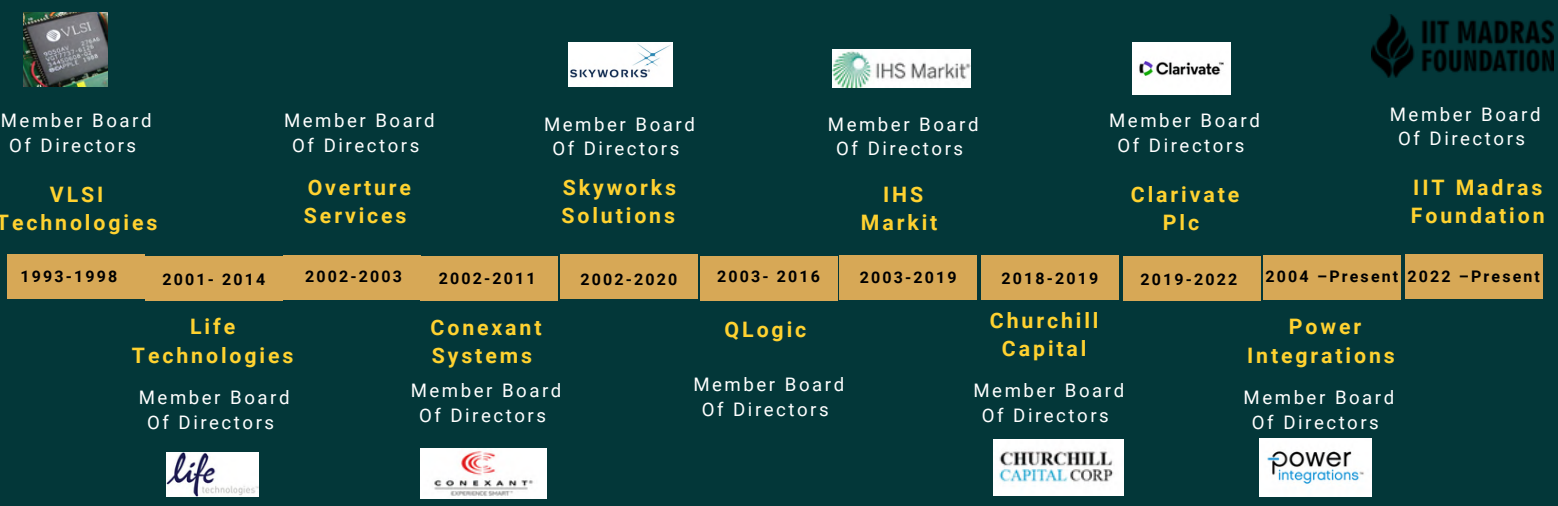
[1978/BT/ME]

Mr. Bala Iyer completed his B. Tech in Mechanical Engineering from the Indian Institute of Technology Madras in 1978. He then went on to do his Master of Science in Industrial Engineering from the University of California, Berkeley. Mr. Iyer has an MBA in Finance from the Wharton School at the University of Pennsylvania.

Mr. Bala Iyer has a strong finance background and has served in almost 10 public company boards and he currently serves on the Board of Directors for Power Integrations (a leading supplier of high-voltage analog integrated circuits for use in power conversion) and Clarivate Plc. He chairs the Audit Committee at Power Integrations and the Risk Committee at Clarivate Plc. He is also the Board Member of the IIT Madras Foundation.

He previously served on the boards of Churchill Capital, "IHS Markit", Life Technologies and its predecessor company Invitrogen, IHS, QLogic, Skyworks Solutions, Conexant Systems and Overture Services and received recognition as a member of the NACD Directorship 100 in 2019 for leadership in the board room. He also served as CFO of Conexant Systems and VLSI Technologies during his long career in the technology industry.

## CAREER TRAJECTORY



## CAUSES CONTRIBUTED

**Bala & Lalitha Iyer Merit-Cum-Means Scholarship**

**COVID-19 Relief for India**

**Women Leading IITM**

**1978 Batch Ruby Reunion - Prakash Faculty Externship**

# BALA & LALITHA IYER MERIT-CUM-MEANS SCHOLARSHIP

The Merit-Cum-Means scholarship supports students whose parental income is between Rs. 1,00,000 – Rs. 5,00,000 per annum. One-third of the student's tuition fee is paid from the interest accrued from the endowment amount

## Beneficiaries for the FY 2022-2023



Kamesh. P  
ED20B027 (Dual Degree)  
Engineering Design  
CGPA : 8 - 9

### My Achievements:

Handled Shaastra-23 catering as a Head along with my coordinators.

### Career Plan:

Planning to work in the data analytics field, particularly in computational biology



The money received through this scholarship has been very helpful for me and my family. It helps me to continue my studies without the pressure I had to face in my previous semesters and school studies. I was one of the students who was paying my fees just before my annual exams so that they would allow me to write the exams (due to family financial problems) and the whole year being in constant fear when I would be called to the office room in front of the whole class for not paying fees.



Adarsh Pandey  
NA21B001  
Naval Architecture  
CGPA : 7 - 8



This scholarship helps in empowering my academic and career goals by removing the financial barrier. Certainly, I feel proud that I am here in IITM, but I still wait for the first real professional achievement of my life. Applying for an Internship in an MNC, I hope to get a chance to work in some big MNC, to have some impact on my work and maybe to achieve a positive change in the world.

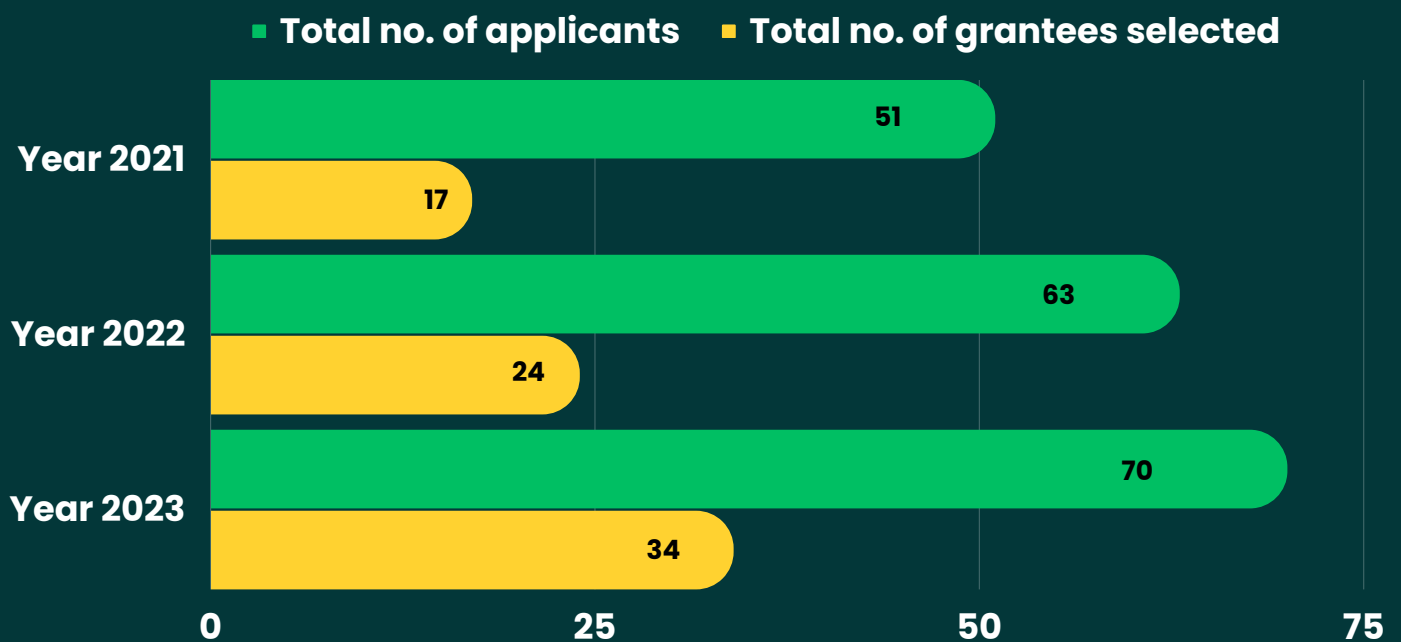




# WOMEN LEADING IITM

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 during 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.



**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 view a detailed report on Women Leading IITM

[CLICK HERE](#)



## COVID-19 RELIEF FOR INDIA

The COVID-19 pandemic became an emerging global health crisis and required the best of our efforts to overcome it. The sudden outbreak of pandemic had already created an enormous medical and financial burden shattering many lives.

The second wave of Covid 19 immensely affected the public's mental health and well-being in a variety of ways, including isolation and loneliness, job loss and financial instability, and illness and grief. Many organizations, institutions, and individuals came forward to support the nation both financially and socially.

### Glimpses of the contributions:

» IIT Madras handed over **200 oxygen concentrators** to the **Government of Tamil Nadu**.

IIT Madras launched a campaign to raise funds for supporting various causes. The Institute exceeded its goal of raising \$1 million in 48 hours. Overall IIT Madras Alumni and other well-wishers have come together and raised more than \$2 million.

Below are the causes for which the funds were used:

1. Purchase of Oxygen cylinders, BiPAP machines, Injections, and Medicines
2. Healthy meals for students who were stranded in the institute during covid.
3. Financial help to more than 150 Ph.D. scholars to pursue their research without any constraints.



Donated BiPAP units, Injections and medicines

» Contributed **200 oxygen concentrators** (5 litres each) to the **Government of Telangana.**

» Contributed **1000 units of covid medicines** to **Sri Venkateswara Institute of Medical Science (SVIMS), Chittoor**



» Contributed **200 oxygen concentrators** (10 litres each) to the **Government of Karnataka.**



» **Provided healthy meals to students** who were stranded during Covid pandemic with the help of a nutritionist. Arrangements were made to serve paneer, banana, and eggs as optional extras.



» **Financial support was provided to Ph.D. scholars as stipend.** This helped them to carry out their research without hindrance.

### Gratitude notes from some of the Ph.D. scholars



Ajay A P

*"I wish to thank all the donors from the bottom of my heart. The relief provided helped me look after my family during that nightmare phase and thereby focus on my research more"*

*"I am really appreciative of the assistance received from my alumni during my most difficult time. I'm hoping that someday I'll be in a position to help out my fellow students"*



Sunny Sharma





*"The pandemic was a tough period for all of us. And it is very stressful for scholars especially when they are on the final stage and the stipend period has ended. I am very grateful to the alumni and non alumni members who contributed in supporting scholars like me. You are inspiration to us by making us understand the importance of giving back to our community"*

**Bhadra Hrishikesh**

*"I would like to express my sincere gratitude to all the alumni and non-alumni donors for generously donating towards the cause of Covid-19 relief with which we were supported with our stipend. I wish to prolong my appreciation to all who worked behind to make the entire process work smoothly. The financial support from you helped me greatly"*



**Dipanjan Majumdar**



## 1978 BATCH RUBY REUNION – PRAKASH FACULTY EXTERNSHIP

The Prakash Faculty Externship was named in remembrance of Prof. K. Prakash Krishnaswami by the Ruby Reunion batch of 1978. This program will enable young faculty members of IIT Madras per year to spend four to eight weeks abroad at a world-class institution for research purposes.

### Support provided to the faculty:

- This program will support expenses related to local hospitality as well as some local travel of the faculty.
- The cost of an externship per faculty will be between \$6,000 to \$8,000 depending upon the grant requested by the faculty.
- The interest from the endowment fund provided by the 1978 batch Ruby reunion will support some faculty members every year for their externship in the name of "Prakash Fellowship"

Prof. Anubhab Roy (Assistant Professor, Applied Mechanics) has been awarded "Prakash Fellowship" for the Faculty Externship program 2020. Because of COVID-19 Prof. Anubhab Roy visited ENS Lyon, France only in the year 2022.

## Gratitude Note of the Beneficiary:



*"The visit to ENS Lyon was extremely academically enriching. My trip initially focused on performing collaborative research with Prof. Thierry Dauxois and his group at ENS Lyon. During my stay, I also had fruitful discussions with several other faculty members at Lyon. One new collaboration has started with the research group of Prof. Mikael Bourgoïn and Prof. Nicolas Plihon. They are experimentalists who have recently worked on the verification of some theoretical findings of mine but had never met me in person. Due to my 1.5-month-long presence at ENS, they had detailed discussions regarding my work and realized how it is highly complementary to what they do. This was entirely possible due to my visit to France. You will be pleased to know that I had the honour of delivering the physics colloquium at ENS Lyon - <http://www.ens-lyon.fr/PHYSIQUE/seminars/colloquium/2022-05-23>. This institute lecture to a diverse and broad audience was a huge honour and was the highlight of my trip. Another fruitful trip outcome is ENS Lyon inviting and sponsoring a three-month trip to one of my Ph.D. students. My Ph.D. student is currently at Lyon, carrying out a collaborative research project with Prof. Thierry Dauxois' group members. Having a student working on the projects after my departure provides additional momentum to the work I initiated. My collaborators at ENS Lyon have already invited me during the summer of 2023 as the collaborative projects have started in full swing, and they envisage a long collaboration.*

*You would also be delighted to hear two outcomes of my trip that, in my opinion, is highly beneficial to IIT Madras. A world-renowned faculty member of ENS Lyon, Prof. Philippe Odier, will arrive at the campus, IIT Madras carrying out collaborative research and delivering pedagogical lectures to the IITM community. Finally, during my visit, I met the Director of International Affairs at ENS Lyon, Prof. Philippe Maurin. I highlighted to him the thriving academic environment at IITM, the rich history, and the various research opportunities that can be explored between the two institutes. This has taken a life of its own! The of ices of international engagement at IIT Madras and ENS Lyon have had several discussions and I am thrilled to share that we will soon have an MoU signed between the two institutes, enabling academic mobilities at different levels-internships mobilities, exchanges of academic staff to joint-supervision of Ph.D. thesis and even joint graduate degree! This particularly pleases me as the wider IITM community, faculty and students alike, can now have long-term collaborations between the two institutes.*

*None of the above would have been possible without the generous support through the Externship in memory of Prof. Prakash. I am sharing two pictures a colleague took during my colloquium at ENS Lyon. The experiences from the trip will have a long-lasting professional impact on me, and I am eternally grateful to the Class of 1978 for this support and encouragement"*





# Memories you can be nostalgic about....



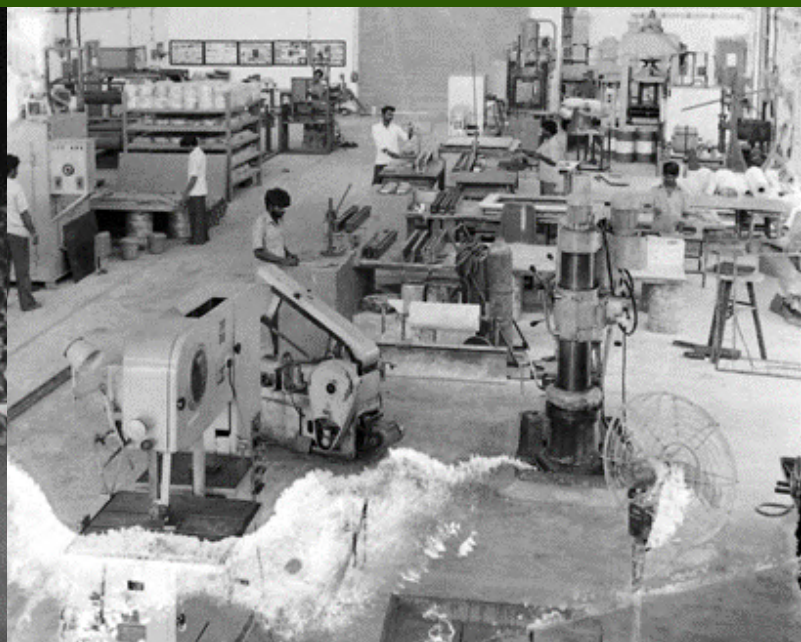
*IIT Madras emblem from early years of establishment*



*Central Workshop in early times*



*Open Air Theatre during 1970s*



*FRP Centre at IIT Madras during 1970s*



*Instrument box used in early engineering drawing classes*



*Central Workshop tools used from 1959-1981*



*We are grateful to you*

## **Mr. Bala Iyer**

*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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