



Indian Institute of Technology Madras  
Office of Alumni and Corporate Relations



**CELEBRATING THE GENEROSITY OF**

**MR. SATISH PAI**

**&**

**MRS. VANVIMON PAI**

**IMPACT OF YOUR GIVING IN 2023**

JUNE 2023

## Message from Director

### Greetings!

IIT Madras continues to retain her top position for the seventh 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.



**Prof. KAMAKOTI VEEZHINATHAN**  
Director, IITM

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!**

## Message from Dean



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

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 !**

**“Thank you for your support and for your belief in doing good. We simply couldn’t do what we do without amazing people like you.”**

***Impact Of Your Giving***



**“None of our success would be possible without generous donors like you. Thank you again for your commitment and kindness.”**

# SHRI SATISH PAI

## Summary of your contributions towards IIT Madras

1985 / B.Tech  
Mechanical Engineering



Shri Satish Pai is the Managing Director of Hindalco Industries and Member, Board of Aditya Birla Management Corporation Pvt. Ltd. He holds a B. Tech degree from IIT Madras and received the 'Distinguished Alumni Award' in 2017.

We are delighted to share the work and impact of the projects enabled by Mr. Sathish Pai and his family. We rejoice in and celebrate their generosity towards IIT Madras and are grateful to him and his family.



- Mukta Pai Faculty Fellow
- Tapti - Keep it flowing
- Chennai Flood 2015
- IIT Sports Meet 2015
- 1985 Batch Project - Alumni Endowment Fund
- Sri Satish Pai Prize
- General Fund
- Energy Consortium
- Merit Cum Means Scholarship

**Dear Mr. Satish Pai,**

Greetings from your Office of Alumni and Corporate Relations, IIT Madras, Chennai, India!

This report is a follow up to the 'Celebrating your Generosity' report we had sent you in June 2022.

- The projects on Tapti renovation, Chennai floods 2015, Inter IIT Sports meet 2015, General fund and Energy Consortium were successfully completed last year before June 2022. The details were covered in the above report.
- This report is a follow up to the 'Celebrating your Generosity' report we had sent you in June 2022.
- This 'Celebrating your Generosity' June 2023 report encapsulates the following:
  - a. Mukta Pai Faculty Fellow
  - b. 1985 Batch Project - Alumni Endowment Fund
  - c. Sri Satish Pai Prize – Endowment
  - d. Satish Pai Merit Cum Means Scholarship

We are grateful to you for your continued support to the various projects and endowments at IIT Madras!

# Mukta Pai Faculty Fellow

## MUKTA PAI FACULTY FELLOW



**Dr. MOHANASANKAR SIVAPRAKASAM**

Director, HTIC & Associate Professor - Department of Electrical Engineering, IIT Madras.

His recent Project at Healthcare Technology Innovation Centre (HTIC),  
Non-contact Physiological Monitoring Technology Platform

CLICK HERE



TO VISIT HTIC WEBSITE

I am currently Professor in Department of Electrical Engineering at IIT Madras and I head the Healthcare Technology Innovation Centre (HTIC), a joint initiative of IIT Madras and Department of Biotechnology (DBT), Ministry of Science and Technology.

### Education

Ph.D. – Electrical Engineering, University of California at Santa Cruz, U.S. 2006  
M.S. – Electrical Engineering, North Carolina State University, U.S., 2003  
B.Tech – Instrumentation Engineering, Anna University, India, 2001

### Research Interests

Medical devices and diagnostics, biomedical instrumentation, affordable healthcare technologies, healthcare delivery models for resource constrained settings

### Awards

Indian National Academy of Engineering (INAE) Young Engineer Award, 2015  
IITM's Institute R&D Award (Junior level), 2015

### Career Summary

- 8 years of graduate and post-doc R&D experience involving several biomedical devices for restoring biological functionality in diseases and disabilities such as blindness and paralysis. These projects were in collaboration with leading experts in ophthalmology, neurophysiology, electrophysiology, and MEMS systems, with technology from these projects transferred to real world systems including clinical implants in humans.
- Returned to India with goal of setting up interdisciplinary R&D program for developing affordable medical technologies in the country to address unmet healthcare needs.
- Since 2009, successfully built an ecosystem of technologists, clinicians and industry anchored at IIT Madras, culminating in setting up of Healthcare Technology Innovation Centre (HTIC) in 2011 as joint initiative of IITM and DBT.
- Since 2011, HTIC has grown into a unique and leading med-tech innovation ecosystem in the country bringing together more than 20 medical institutions, industry, government agencies, collaborating with HTIC in developing affordable healthcare technologies for unmet clinical needs. Its 30+ member team of engineers and researchers is developing technologies in areas of cardiovascular, ultrasound, neonatal, oncology, intensive care, ophthalmology, diagnostics, are under development in collaboration with leading organizations, some of which have already reached the field through partnerships. A video summary of HTIC is available at <https://htic.iitm.ac.in/?q=hticvideo>.
- Have initiated the development of an ecosystem of industry experts and researchers to explore the possibilities of leveraging technology for human performance enhancement. Acrophase, a performance enhancement research group, aims to provide technology-driven tools & solutions for systematic and efficient performance improvement to achieve one's peak in various verticals including sports, defense, lifestyle and healthcare. More details about Acrophase and its works are available at <https://www.acrophase.org>.

# 1985 Batch Project - Alumni Endowment Fund

## 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.

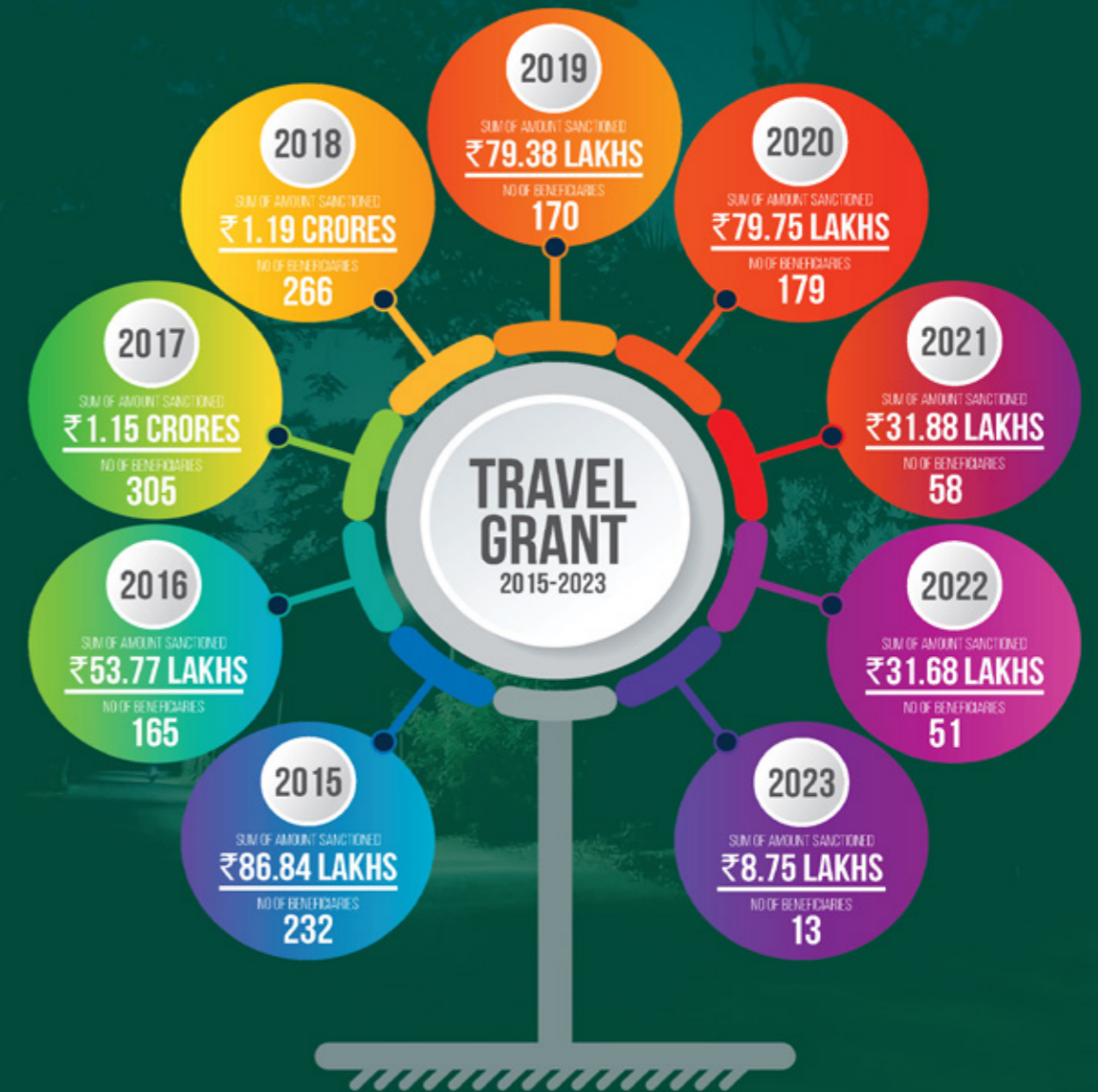
### SOME OF THE BENEFICIARIES BENEFITTED FROM THE TRAVEL GRANT

BAKUL JANGLEY	AMOGH WAGHMARE	PRATYUSH KUMAR	RAMITA JAWAHAR
DEEPAK BAJHAIYA	SHRISHTI ADHIKARY	SREELEKSHMI PS	AMAL ZULFIKAR

TO VIEW MORE DETAILS ABOUT THESE BENEFICIARIES

[CLICK HERE](#)

## BENEFICIARIES BENEFITTED



Click here to view the detailed report

# Sri Satish Pai Prize – Endowment



Sri Satish Pai Prize

Donor: Shri. Satish Pai

**Criteria:** The award consists of a silver medal and cash award of Rs.10000/- to the student with the best academic record in 3<sup>rd</sup> & 4<sup>th</sup> semesters of B. Tech / Dual Degree programme.



**AARYA BAWISHI**  
MM20B001

I am extremely honored to have received this memento on the wonderful occasion of the 64th Institute Day at IIT Madras and I am deeply obliged to the donor for the 'Sri Satish Pai Prize'. I am also very grateful to the Institute for instating these awards which greatly motivate students to perform well academically.



**Aarya Bawishi**

**Award Winner**  
of Sri Satish Pai  
Prize for 2023

## Satish Pai Merit Cum Means Scholarship

Allotment for MCM Scholarship for the academic year 2022-2023 is closed and the contribution you have provided in March 2023 will be utilized to support students for the next academic year 2023-2024. We will send the report soon after the students gets shortlisted and receive the scholarship amount into their account.

**WE ARE GRATEFUL TO YOU!**

MR. SATISH PAI  
&  
MRS. VANVIMON PAI



Thank you for your sustained generosity to IIT Madras over the years. Contributors such as yourself enable our students and Professors to dream big and work towards a better and brighter future. We hope you are proud of your alma mater and how it has remained steadfastly committed to academic and research excellence since your time here. You and your family have been instrumental in facilitating this significant growth.

Our efforts to nurture the culture of academic excellence that is the hallmark of IIT Madras - quality education, cutting-edge research, and unfettered creativity shall continue. We are privileged and humbled to have you and your family walking with us along this trail. We wish you and your family the best always in all walks of life!



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[www.iitm.ac.in](http://www.iitm.ac.in)

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