



Office of Alumni and Corporate Relations
INDIAN INSTITUTE OF TECHNOLOGY MADRAS



Shri Satish Pai Impact of Your Giving





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Prof. Bhaskar Ramamurthi
Director, IIT Madras

IIT Madras is one of the foremost Institutes in the nation, which provides higher education in technology and research. The Institute has 16 academic departments with research centres in various disciplines of engineering and pure sciences. There are nearly 100 fully functional laboratories in the campus. A faculty of international repute, a brilliant student community, excellent staff, and an effective administration, has all contributed to the preeminent status of IIT Madras.

IIT Madras has been ranked as the "Best Educational Institution" in India. In the latest edition of National Institutional Ranking Framework (NIRF), 2020 of MHRD, Govt. of India. The Institute continues to be the "Best Engineering Institute" in the country for the 5th consecutive year.

IIT Madras was awarded the prestigious Institute of Eminence (IoE) title on September 5th, 2019. IIT Madras emerged as the No. 1 Institution in the Atal Ranking of Institutions on Innovation Achievements (ARIIA), MHRD, Govt. of India, for two consecutive years. IIT Madras is also proud of its global alumni diaspora and well-wishers, second to none in terms of their accomplishments.

A heartfelt thanks to Shri Satish Pai and his Family from IIT Madras.

As we aim to provide continued solutions to global societal problems, it is the support of alumni like you that make it possible. Solutions to these challenging problems are made possible through sustainable benevolent contributions from alumni like you.

We thank you for your contributions and present to you a report on the impact of your giving. We seek your help and support in our future endeavours, as we attempt to take IIT Madras to the global stage.



Prof. Mahesh Panchagnula

Dean, Alumni & Corporate Relations, IIT Madras

01

Keep it Flowing

Keep It Flowing is a movement by our institute to seek contributions from IITM Alumni. These Benefactions are used to refurbish the hostels at IIT Madras. There are totally around 20 hostels out of which twelve hostels are old but the structure remains strong. As the fitments belong to a different era, it needs face-lifting and maintenance. The funds contributed by IITM alumni through Keep it flowing campaign will be used for the face-lifting and maintenance work of hostels to contemporary standards. Providing infrastructure worthy of #1 Engineering Institute in India!

Providing below the details of Tapti hostel in which Shri Satish Pai stayed during his stay at IIT Madras.



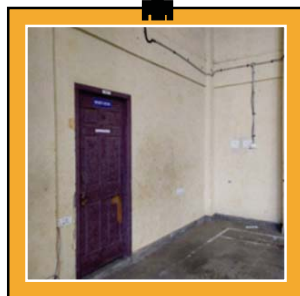
Hostel Details :

| | | |
|----------------------|---|-------------------|
| Year of Construction | : | 1963 |
| No of Floors | : | Ground + 3 Floors |
| No of Rooms | : | 350 Rooms |
| Plinth Area | : | 7074 Sqm |
| No of Occupants | : | 395 No's |

The face-lift efforts proposed for Tapti hostel, provided below is of keen interest of our benevolent donor Shri Satish Pai.

Details of face-lifting works Proposed :

| S.No | Nature Of Work |
|------|--|
| 1 | Interior & Exterior Painting Of Hostel |
| 2 | Complete toilet renovation |
| 3 | Tiling of Corridor and Staircase |



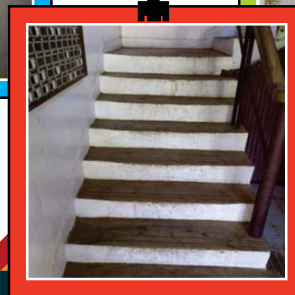
Common Area



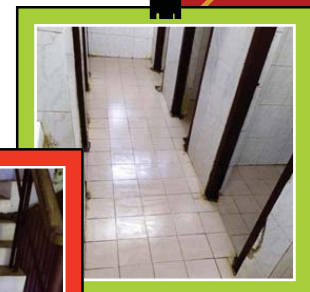
Corridor



Rest Room



Staircase



Flooring



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02

Mukta Pai Faculty Fellow



Dr. Mohanasankar Sivaprakasam

Director, HTIC

To encourage junior faculty (Assistant, Associate Professors & entry-level Professors) who have demonstrated a robust early-career trajectory through a combination of research excellence, impactful industrial consultancy, social impact, and patentable products, along with an enthusiastic mentoring of IITM undergraduates & PGs to pursue higher academic pursuits and technical careers. Several alumni have come forward with a proposal to sponsor “Faculty Fellows” at IIT Madras.

Shri Satish Pai is also one amongst the alumni donors who supported Faculty Fellow in memory of his mother as she has been his foremost driving force for what he is today. Dr. Mohanasankar Sivaprakasam recipient of Mukta Pai Faculty Fellow was announced on Sep 2019 AlumNite.

Announced on 2019 AlumNite



Associate Professor

Department of Electrical Engineering, IIT Madras.

His recent Project at Healthcare Technology Innovation Centre (HTIC), a multi-disciplinary R&D centre, is a joint initiative of Indian Institute of Technology Madras (IITM) and Department of Biotechnology (DBT), Government of India. [Click here](#) to understand the operations of 'HTIC IIT Madras'.

Access to diagnostics poses a formidable challenge in India that needs to overcome to reduce the disease burden as well as improve the healthy state of our society. The conventional approaches, including private players driven lab testing, does not cater to the whole population. A centralised hub and spoke model of diagnostic delivery most popularly adopted by large companies in India still render to a majority of our rural people woefully short in access to crucial disease diagnostics. This essential disease diagnostics directly leads to increased burden of infectious as well as non-communicable diseases prompting a need for technologies and approaches that could be delivered efficiently and economically to non-urban settings, at the point of care.

R&D work conducted by Dr. Mohanasankar's group, in collaboration with J Mitra, a leading domestic diagnostics company in the country has led to technology that has successfully translated into a commercial product. This commercial product, 'iQuant Analyser', is the first such indigenous technology for quantitative point of care immunodiagnostics in the country. The developed instrument, named 'iQuant Analyser', is designed to read multiple test kits directly without the need for a separate calibration chip. The product is meant for small to medium labs to meet market needs and requirement in the community for affordable test kits for non-communicable diseases such as HbA1C (diabetes), Vitamin D, B12, CRP (infection, cardiac), etc. This 'iQuant Analyser', already reached the market with 450 installations—the J.Mitra and Co.Pvt.Ltd expected reach is to cross over 1000 labs by the end of 2020 with a potential market of around 50,000 tier-2 labs in the country.

In the coming years, we envision over 10 million people will benefit annually through this product by making such tests available in places that today do not have access to such analysis/test.



[Click Here](#) to watch the 'iQuant Analyser' video



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03

Chennai Floods 2015 – Relief measures initiated by IIT Madras:

The **2015 South India floods** result from heavy rainfall generated by the annual Northeast Monsoon in November–December 2015. They affected the Coromandel Coast region of the South Indian states of Tamil Nadu and Andhra Pradesh. More than 500 people were killed, and over 1.8 million (18 lakh) people were displaced. They were among the most expensive natural disasters of the year.



IIT Madras also contributed extensively to the relief and rehabilitation of Chennai Flood Victims.

Various relief measures initiated by IIT Madras:

Campus Initiatives - Collaboration with Deepam Trust

IITM's Reverse Osmosis plants were used to filter 5000 litres of water which was then given to Deepam Trust who distributed the water to residents in Taramani, along with volunteers from campus. The picture below shows the filtered water distribution.



Campus collections

The collections from establishment on campus were 40 cans of water, 200 packets of bread from Leo Fortune, biscuit packets and 300 packets of food from the Himalaya messes. Four buses were used for the distribution efforts. The first batch of volunteers went to Madipakkam and nearby areas in collaboration with NDRF. The second batch went to Ramakrishna Mutt.

The campus collection drive yielded 45 cartons of women's' clothes, 39 cartons of men's' clothes, 24 cartons of children's' clothes, and 10 cartons of blankets, bed sheets, sweaters, curtains and towels.

The distribution trip to Taramani and Perungudi carried biscuits, bread, perishable food, diapers, sanitary pads, candles, matchbox and medicines. A doctor also accompanied the volunteers. Another distribution trip was made to Kottur with food packets and clothes collected during the campus collection drive.

Students Initiatives - IIT Madras student group distributes ration to over 2000 people from marginalised sections



When the 2015 December floods hit Chennai the students were out there doing relief work. They had managed to supply one month's supply of rations to over 2000 people from marginalised sections and workers from the unorganised sector over the last two weeks. The group covers more than 30 households every single day and distributes food materials as well as medicines.



Students in Sabarmati hostel garnered resources and were able to distribute to all Sabarmati staff the basic necessities needed during that time.





04

Inter IIT Sports Meet - Madras 2015

The 2015 meet that was supposed to be held at IIT Madras was washed out due to unpredictable rain. Only Inter IIT Aquatics Meet 2015 happened in IIT Madras as planned.

Inter-IIT Aquatic Meet 2015

The Inter-IIT Aquatic Meet, comprising of Swimming and Water pool sports, was held between 1st and 4th of October. Chief Guest, Mr. Sebastian Xavier and Guest of Honour, Mr. Sharath Gayakwad inaugurated the meet. The theme of the meet is "The Underwater World" and all the major IIT's participated.



[Click Here](#) to watch the 'Memories of Inter IIT Aquatics Meet 2015' Video





The Men's Championship was clinched by IIT Bombay whereas IIT Kharagpur finished as the runners-up. The hosts, IIT Madras took the third spot. The best swimmer title was won by IIT Kharagpur's Mr. Siraj Modiwala.

The Water Polo Championship was grabbed by IIT Kharagpur, who provided the crowd with dominant displays all throughout the tournament. The hosts, IIT Madras finished as runners-up and IIT Bombay finished third in the championship.



The Women's Championship was won by the hosts, IIT Madras. IIT Kharagpur finished as the runners-up whereas IIT Bombay finished third in the championship. IIT Madras Ms. Gayathri.S was adjudged as the best swimmer in the Women's Championship.

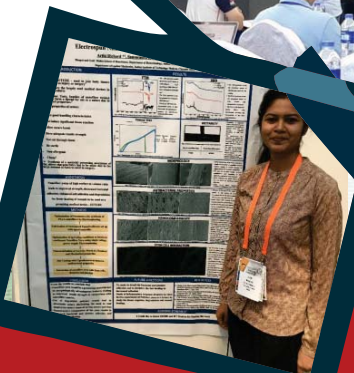
05

1985 Batch Reunion – Alumni Endowment Fund

The 1985 Batch decided unanimously to use Alumni endowment fund collected during their reunion day for students Travel Grant. Travel Grant program is top-rated amongst Institute students. Travel Grant program impacts the students directly by helping them financially to participate in the International Conference and to present research papers, posters, and oral presentations. It also enables them to participate in competitions, workshops, summits, exchange programs, internships, etc.

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

For detailed report on Alumni Endowment Fund – [Click Here](#)





06

Institute Day Prize

Shri Satish Pai Prize is presented during the institute day since 2013 onwards for 10 years. It is a silver medal and a cash award of Rs.5000/-. This is conferred to the student with the best academic record in 3rd and 4th semesters of B.Tech/Dual Degree programme.

- ▶ Shri Satish Pai Prize was given to **A Ramprasad** from B.Tech Metallurgical and Materials Engineering 2020, Institute Day.
- ▶ Shri Satish Pai Prize was given to **Kumaresh K R** and **H Vishal** from B.Tech Metallurgical and Materials Engineering in 2019, Institute Day
- ▶ Shri Satish Pai Prize was given to **Akash Ramdas** from B.Tech Metallurgical and Materials Engineering in 2018, Institute Day.

Feedback from Students

H Vishal in his words: "I received the prestigious Shri. Satish Pai prize during the 2019 Institute day. Honestly, I never knew they were giving away prizes for securing good grades. Had I known it before, I would have probably studied a little harder and grabbed more prizes. Jokes apart, receiving the prize from the director himself really boosted my morale and motivated me to perform better. It was also a good sight to witness some of my favorite professors receiving awards for excellence in teaching and research. The alumni of our institute do a tremendous job in bolstering the IITM community and I personally look forward to being an active part of the A and CR network a few years down the lane".



H Vishal



Kumaresh K R



Akash Ramdas

Akash Ramdas in his words: "I was honored to receive the Shri Satish Pai Prize in 2018 to recognize my performance in the Department of Metallurgical and Materials Engineering (MME) in my first 2 years of the B.Tech program. The first two years set the bedrock of fundamentals in my education in MME. Shri Satish Pai prize felt like timely recognition of the effort I had put into studying MME. It felt extremely gratifying to receive this recognition on Institute day from the director, with my parents seated in the audience! I believe that this recognition helped me to stay motivated in pursuing materials science related topics in my future".



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" Giving is not just about making a donation.
It is about making a Difference."



Thank you for all your support

It is because of donors like you that our Professors and students are able to dream big and work towards achieving a better, brighter future. Thank you for your generosity to IIT Madras over several years. We hope you feel proud about your alma mater and how it has continued to develop since your time here. You and your family have been instrumental in fertilizing the significant growth.

Thank you again for demonstrating your commitment to our world class Professor and promising students, and your confidence in the future success of IIT Madras, through your philanthropic support over the years. IIT Madras will continue to strive to provide a culture of academic excellence that includes quality education, service, research and creativity. We are humbled and proud to have you and your family walking with us along this trail. Wishing you and your family the best always!



Indian Institute of Technology Madras Chennai - 600036
www.iitm.ac.in

For more information, please contact:
Office of Alumni and Corporate Relations
T : +91-44-2257 8390 | www.alumni.iitm.ac.in
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