



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
OFFICE OF ALUMNI AND CORPORATE RELATIONS



**CELEBRATING THE GENEROSITY
OF
Mr. UMESH SUBRAMANIAN**

IMPACT OF YOUR GIVING IN 2024

DIRECTOR'S MESSAGE

Prof. V. Kamakoti
Director, IITM



IIT Madras continues to retain her top position for the *ninth* 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
Dean, Alumni and Corporate
Relations, IITM



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.

About Mr. Umesh Subramanian

Mr. Umesh Subramanian, the Chief Technology Officer at Citadel is a prestigious alumnus of IIT Madras. He leads the technology teams that build and power the innovative research, investment and risk-management platforms that provide Citadel with a competitive advantage in the financial markets.

Prior to joining Citadel, Umesh spent 13 years at Goldman Sachs, most recently serving as a Partner and Co-Head of the Technology Division. His prior roles at Goldman Sachs include head of the Finance Engineering and Investment Banking Strats. While at Goldman Sachs, Umesh was a member of the Board of Directors of the Depository Trust and Clearing Corporation. Before that, Umesh worked at Morgan Stanley. Umesh serves on the University of Illinois Grainger College of Engineering Board of Visitors, the NYU Stern Tech MBA Advisory Board and the Carnegie Mellon Computational Finance Advisory Board. He received a BTech in Mechanical and Industrial Engineering from the Indian Institute of Technology, Madras, and an MS in Industrial Engineering and Operations Research from the University of Illinois at Urbana-Champaign.

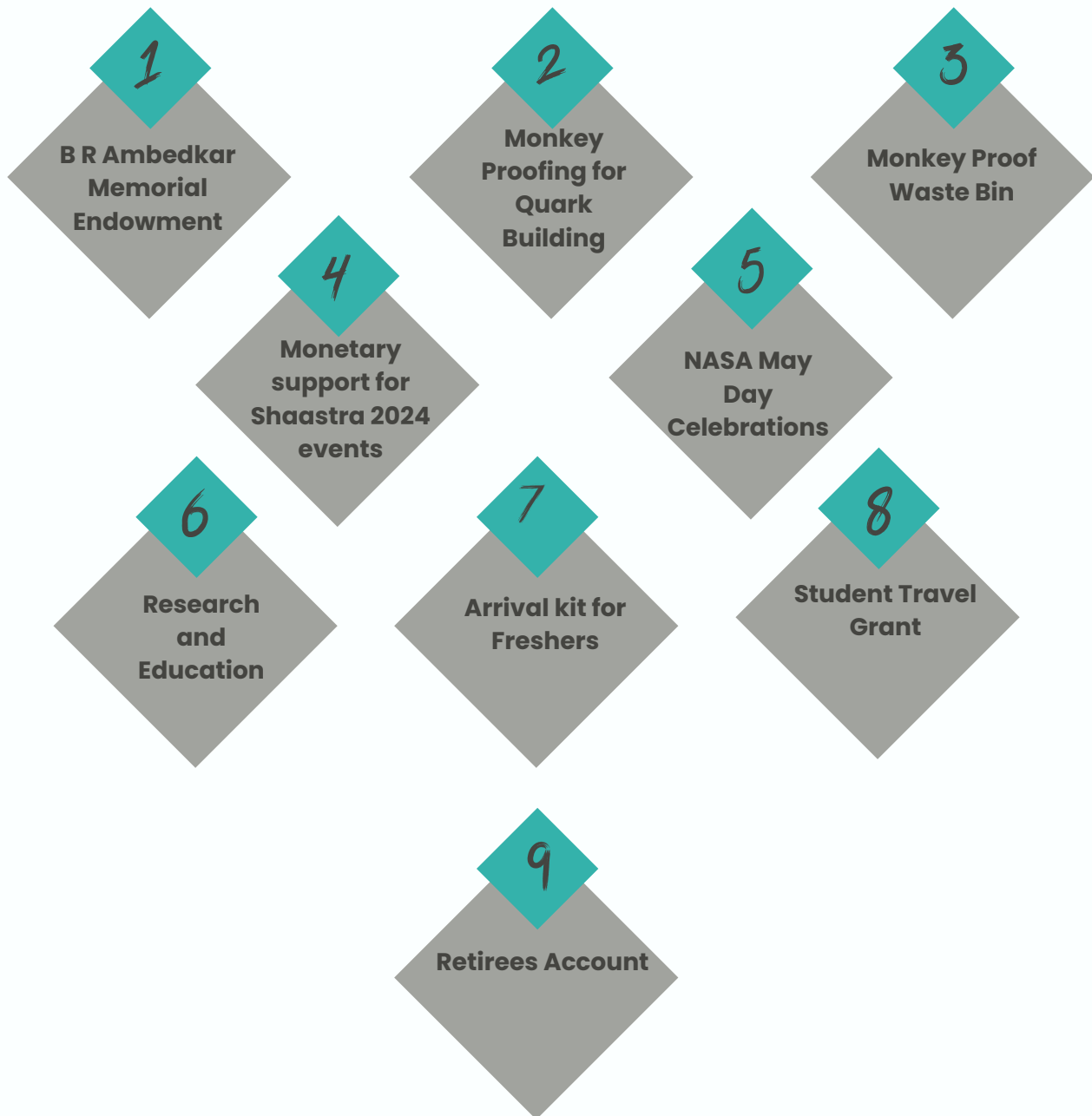
Mr. Umesh is also a member of Citadel's Portfolio Committee. His expertise includes trading systems, investment banking, management, fixed income, capital market, equities, derivatives, equity derivatives, credit derivatives, hedge fund, valuation, program management, management consultancy, electronic trading, quantitative finance, finance and financial modelling.



The report presents the impact that your contribution have made for the below cause

ENDOWMENT FUND

CAUSES SUPPORTED THROUGH THE FUNDS RECIEVED



B R AMBEDKAR 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.



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.



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.

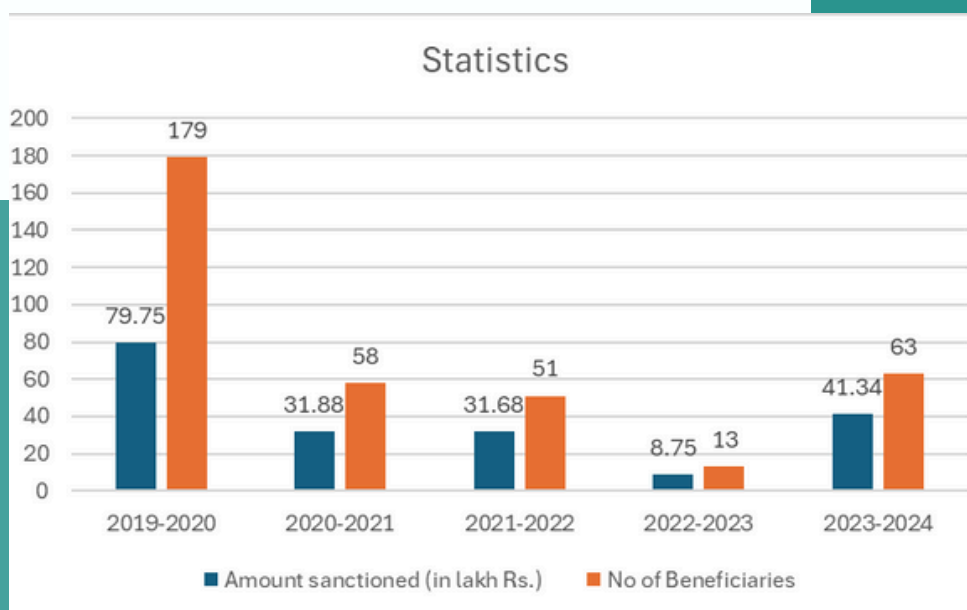


STUDENT TRAVEL GRANT

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



GRATITUDE NOTE FROM FEW BENEFICIARIES



Name : Navneet Kumar
Degree : B.Tech
Department : Ocean Engg

I am writing to express my deepest gratitude for the incredible opportunity you've provided by generously sponsoring my travel funding for the internship in Japan. During my internship in Japan, I have had the privilege of immersing myself in a rich cultural exchange, gaining hands-on experience, and expanding my professional network.

The insights and skills acquired will undoubtedly play a crucial role in shaping my future career. I am truly grateful for your investment in my education and development. Your commitment to fostering opportunities for students like myself is commendable and a beacon of encouragement. I look forward to utilizing the knowledge gained during this internship to contribute positively to my field and society.



I am incredibly grateful for your support which made my trip to the Anatolian Rover Challenge in Turkey possible. Interacting with the judges and other international teams gave me valuable insights on how to improve the rover in the coming year. This experience not only sharpened my problem-solving abilities but also fuelled my passion for robotics. Overall, I learned a lot and had fun along the way so I sincerely thank you.



Name : Prithvi Raj
Degree : B.Tech
Department : Mechanical Engg

For detailed report - [CLICK HERE](#) 

THANK YOU

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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