



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
OFFICE OF ALUMNI AND CORPORATE RELATIONS

**Celebrating the
Generosity of**



Dr. Sanjeev Kumar

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!

Prof. Mahesh Panchagnula

Dean, Alumni & Corporate
Relations, IITM



Dean's Message

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 utilized. 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 endeavors.

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"**

Dr. Sanjeev Kumar

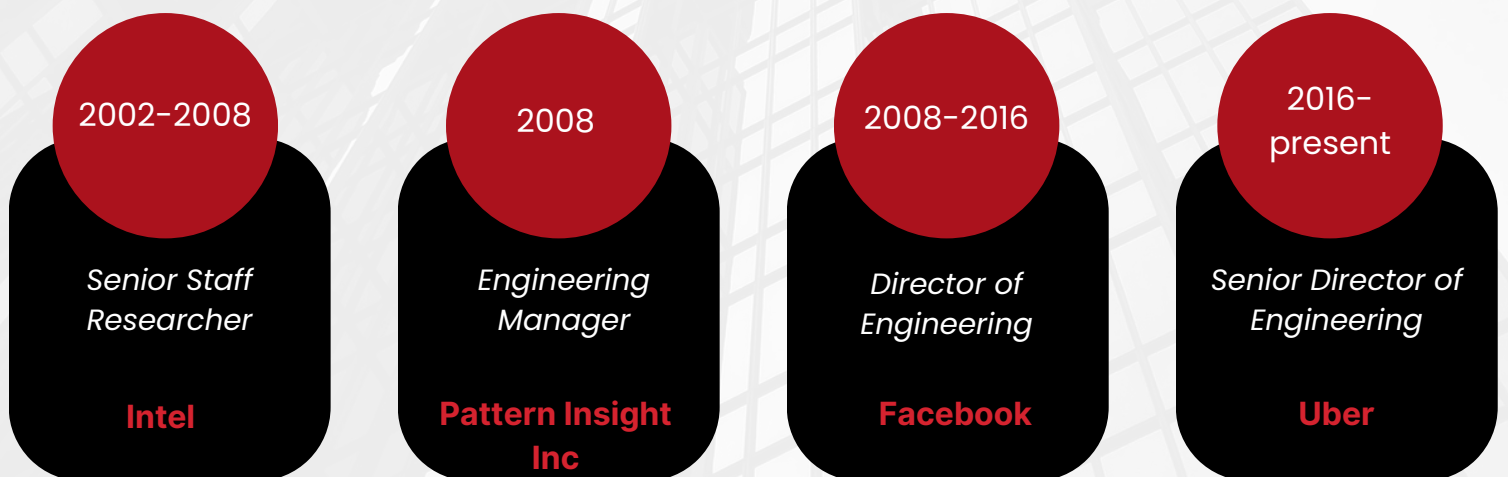
[1993/BT/CS]



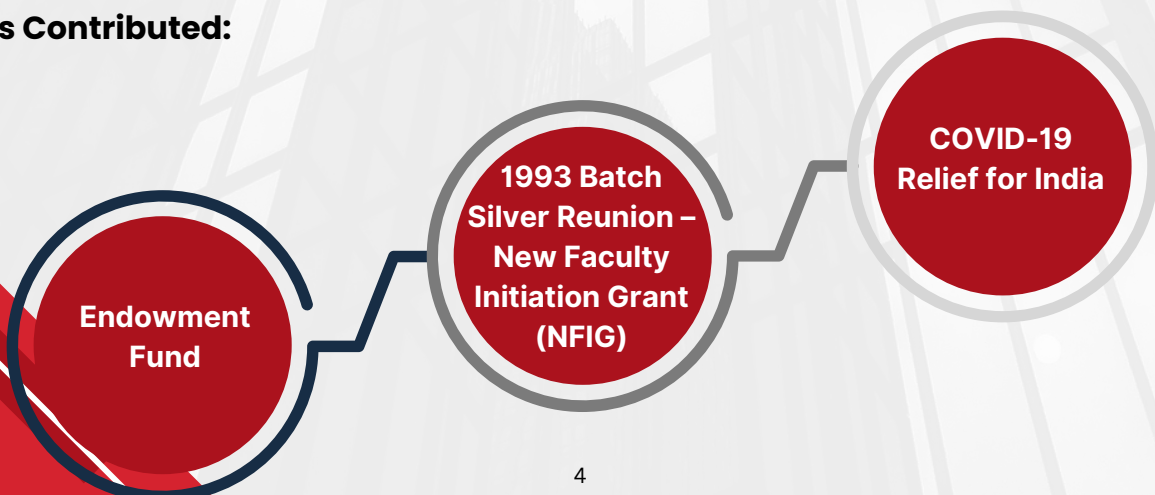
Dr. Sanjeev Kumar holds an impressive educational background with a Ph.D. in Computer Science from Princeton University, an M.S. from Indiana University, and a B.Tech from the Indian Institute of Technology Madras. Currently serving as the Senior Director of Engineering at Uber, Dr. Sanjeev plays a pivotal role in constructing and expanding a world-class technology platform to facilitate Uber's global growth.

His responsibilities encompass building and managing a highly skilled engineering team to support the company's rapid expansion, as well as providing a robust infrastructure platform for efficiently transforming novel ideas into compelling and distinctive Uber experiences. Dr. Sanjeev has also spearheaded a team that encouraged fruitful collaborations and knowledge exchange between Facebook and the academic research community. Before joining Facebook, he held the position of Senior Staff Researcher at Intel, where he focused on exploring software, hardware, and applications for advanced many-core processor architectures.

Career Trajectory:



Causes Contributed:



ENDOWMENT FUND

Causes supported through the funds received:

- Tech Kids
- BR Ambedkar Memorial Endowment
- Women Leading IITs
- AM-I Challenge Institute Day Award
- Monkey Proofing at Quark Building
- NASA May Day Celebration

TECHKIDS

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



B R AMBEDKAR MEMORIAL ENDOWMENT

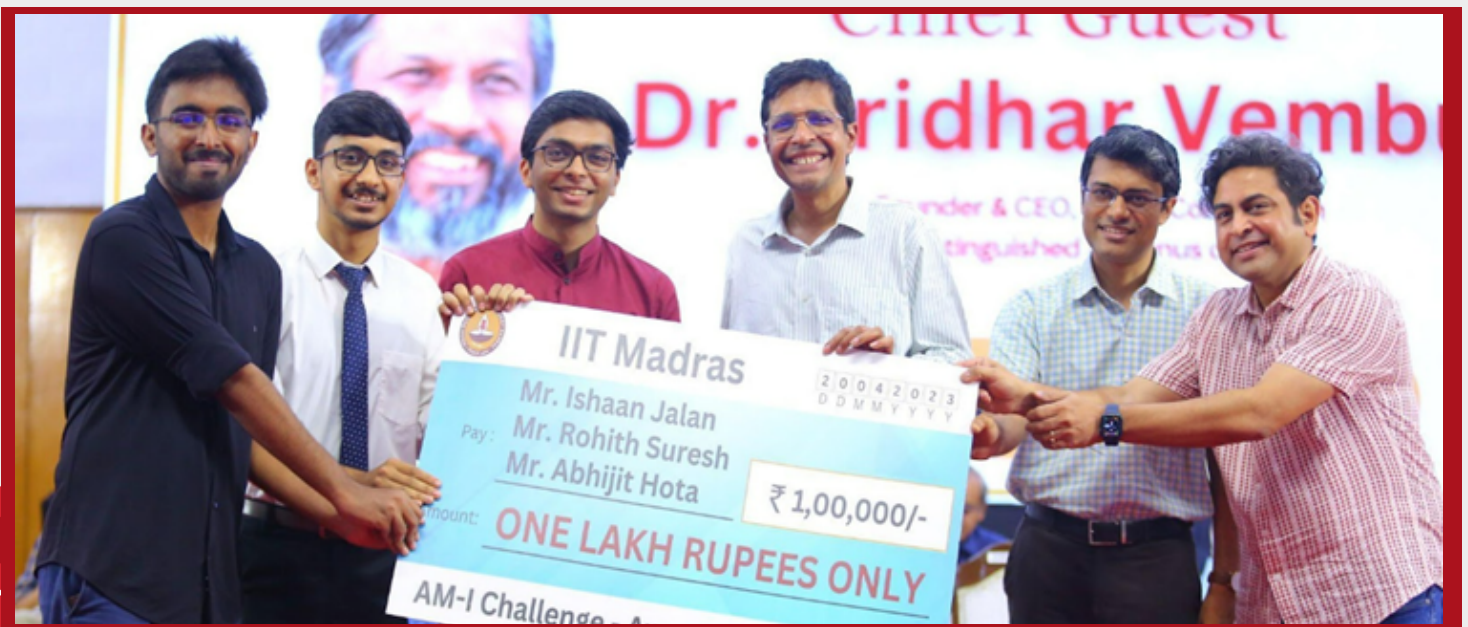
B R Ambedkar Memorial Endowment is awarded to meritorious children whose parents are employees of IIT Madras and also part of the SC/ST Employees Welfare. They were honoured during the 132nd birthday celebration of Dr. B R Ambedkar on 19th April at the Central Lecture Theatre (CLT). The students with 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.



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 IITM

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.



1993 BATCH SILVER REUNION – NEW FACULTY INITIATION GRANT (NFIG)

The New Faculty Initiation Grant (endowment) is provided for the new faculty members of the institution to help them kick-start their research in the institution. It will aid in meeting the requirements of the research initiatives.

Beneficiaries of the NFIG:



Dr. Shotaro Tada

Metallurgical and Materials Engineering

Sanctioned Amount : USD 34,041 (INR 24.85 lakhs)

Research Area :

Novel heterogeneous catalyst consisting of main group elements

Project Title:

Facile design of Polymer - Derived frustrated Lewis pair (FLP) catalyst toward energy-related applications

“ I am thrilled to express my gratitude to the 1993 batch Alumni for their tremendous contribution towards the New Faculty Initiation Grant (NFIG). I am truly grateful for this opportunity. As I begin this research journey, I aim to strike a balance between the originality of my research and its potential contribution to society. I am deeply passionate about developing novel-metal-free-functional ceramics that can activate and transform small molecules such as hydrogen (H₂) and carbon dioxide (CO₂) into sustainable fuel or energy for future mobility. I believe that this research has the potential to make a significant impact on society by promoting sustainable and environmentally friendly energy solutions. Once again, I would like to express my heartfelt appreciation to the 1993 batch for their support and encouragement. I am excited about this new chapter in my research career, and I look forward to sharing the results of our work with you all in the near future - Thank you. ”

Sanctioned Amount : USD 1,075 (INR 78,474)

Research Area :

Molecular modeling of construction materials

Project Title:

Atomic level insights into cementitious materials



Dr. Aslam Kunhi Mohammed

Civil Engineering

“ I am myself an alumnus of IITM and it is a pleasure to see how active our alumni are to support the growth of the institute. As a new faculty here, I certainly appreciate the NFIG grant which not only helps us to initiate setting up our lab but also helps in making short trips to conferences or other institutes in India to initiate our collaborations. I sincerely thank the efforts of the 1993 batch and hope you continue to be strong supporters of IITM and let us help bring IITM to the list of top 100 universities in the world. ”



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.

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.

Glimpses of the contributions:

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



Donated BiPAP units, Injections and medicines

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

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



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



- **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



"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"

Ajay A P

"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



We are grateful to you & your family



Dr. Sanjeev Kumar

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.



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 | acr.iitm.ac.in



October 2023