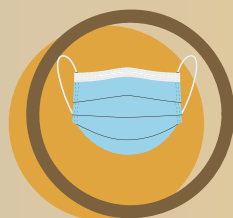


Celebrating the Generosity of Dr. Rakesh K



Impact of your giving in 2023



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations



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 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. Rakesh K

1993/BT/CS

Senior Principal Engineer at Intel Corporation

Dr. Rakesh K is specialized in parallelization and vectorization techniques for optimizing performance. One of his areas of expertise is performance analysis, evaluating and improving the efficiency of software and systems.

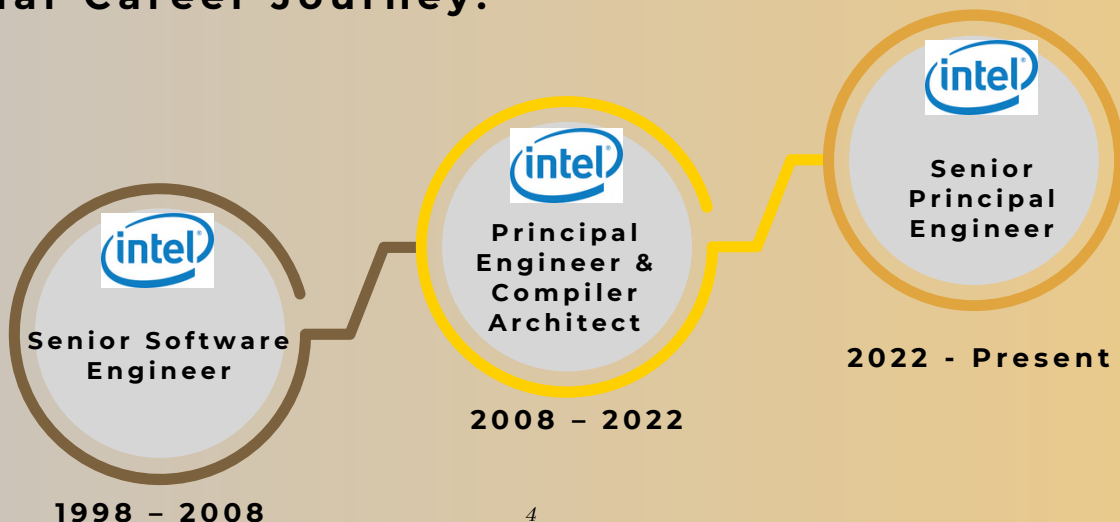
He has extensive knowledge of compilers, including their development and optimization. He is also skilled in implementing data prefetching techniques to enhance memory access and overall performance.

Dr. Rakesh K excels in memory and loop optimization, maximizing efficiency and reducing overhead in software programs.

Education Roadmap:

		
B. Tech, Computer Science and Engineering	M.S, Computer Science	Ph.D Computer Science
1989-1993	1993 – 1995	1995 – 1998

Stellar Career Journey:



Summary of your contribution

01

**1993 Batch Silver Reunion
- Student Wellness
Activities**

02

**Financial Support to
IIT Madras students**

03

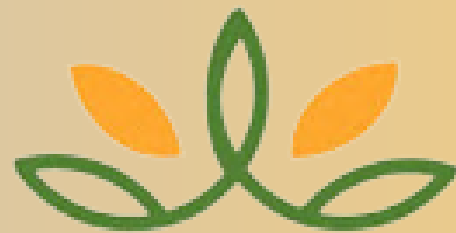
COVID - 19 relief for India

1993 BATCH SILVER REUNION – STUDENT WELLNESS ACTIVITIES

The Wellness Centre works to nourish the positive mental health of the student community on the campus. The team provides counseling and psychotherapy for student's specific need.

A few typical concerns of the program are

- › Academic stress
- › Adjustment to a new environment
- › Dealing with procrastination
- › Decision-making regarding career and life
- › Dealing with anxiety, and depression
- › Conflicts in different relationships
- › Lack of motivation



Wellness Centre

Training:

The Wellness Centre organizes different workshops and training sessions from time to time on different need-based themes for the students.

The Wellness Centre collaborates with SAATHI and MITR in organizing different wellbeing programs such as the Wellness Marathon and Barefoot Training.



Events:

1. Gatekeeper Training & IITM-NIMHANS Task Force Meeting - 2023:

Kauvery Hospital, Chennai conducted a Gatekeeper Training program for suicide prevention under Project Khushi with the support of the Wellness Centre. The talk was conducted by Dr. Yamini Kanappan, Consultant Psychiatrist, Kauvery Hospital. They plan to conduct sessions on a biweekly basis for students and faculty.



2. MITR Drive – 2023:

MITR, along with Wellness Centre, conducted a week-long campus drive wherein student volunteers actively participated in various events.



3. SAARANG 2023:

The Wellness Centre put up a stall, which consisted of several fun activities, post quotes and more with the aim of de-stressing students and an overall goal to promote awareness about mental health and the accessibility of help available in the campus. The students were provided pamphlets that provided information about common issues faced by students and signs to be vary of to seek help



Various Programs Organised by the Wellness Community Centre from 2022-2023



Financial Support to IITM Students

The COVID-19 pandemic, a medical calamity affected nearly each and every aspect of life. The higher education sector was one of the most affected sectors. Because of the coronavirus outbreak, the educational ecosystem's base has been drastically shattered. From a face-to-face learning environment, the entire ecosystem was forced to a remote learning system.

In IITM several students were stranded and their normal life was interrupted. However, it was also noted that:

- About 200-300 students from an economically difficult background were unable to afford airfares to return home.
- Some students had to stay back as they were in the advanced stages of their research work.

Out of the donation received towards COVID-19 Relief Fund, a portion was transferred to the CCW Office of Hostel Management to undertake the below initiatives.

- Providing healthy and nutritious food to students to improve their immunity during the pandemic situation.
- Drafting and serving a common menu suiting students' requirements with the help of a culinary expert.
- Making arrangements to serve paneer, banana, and eggs as optional extras.



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:

- Purchase of Oxygen cylinders, BiPAP machines, Injections, and Medicines
- Healthy meals for students who were stranded in the institute during covid.
- 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



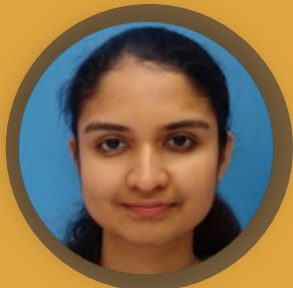
Ajay A P

"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"



Sunny Sharma

"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"



Bhadra Hrishikesh

"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"

"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. Rakesh K



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



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