



Indian Institute of Technology Madras
Office of Alumni and Corporate
Relations



Celebrating the generosity of
Shri Karthik Hariharan

Impact of your giving in 2023

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

Dear Mr. Karthik Hariharan,

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 !



**"GIVING IS NOT JUST ABOUT
MAKING A DONATION -
IT'S ABOUT
MAKING A DIFFERENCE"**

Shri Karthik Hariharan

[1991/B.Tech/MT]

Director, Health @ Apple



Mr. Karthik Hariharan is the Director of Health at Apple. He started his professional career at the Boston Consulting Group (Chicago) and has co-founded or been part of leadership teams of three start-ups: CitySearch (acquired by TicketMaster), EdgeSpring (acquired by Salesforce), Glimpse (acquired by Apple). He graduated from IIT Madras with a B. Tech in Metallurgical and Material Engineering in 1991 and subsequently earned his M.S and MBA from Northwestern University and Kellogg School of Management in 1994 and 1999 respectively.

We are delighted to share this report and hope it provides as a good read!

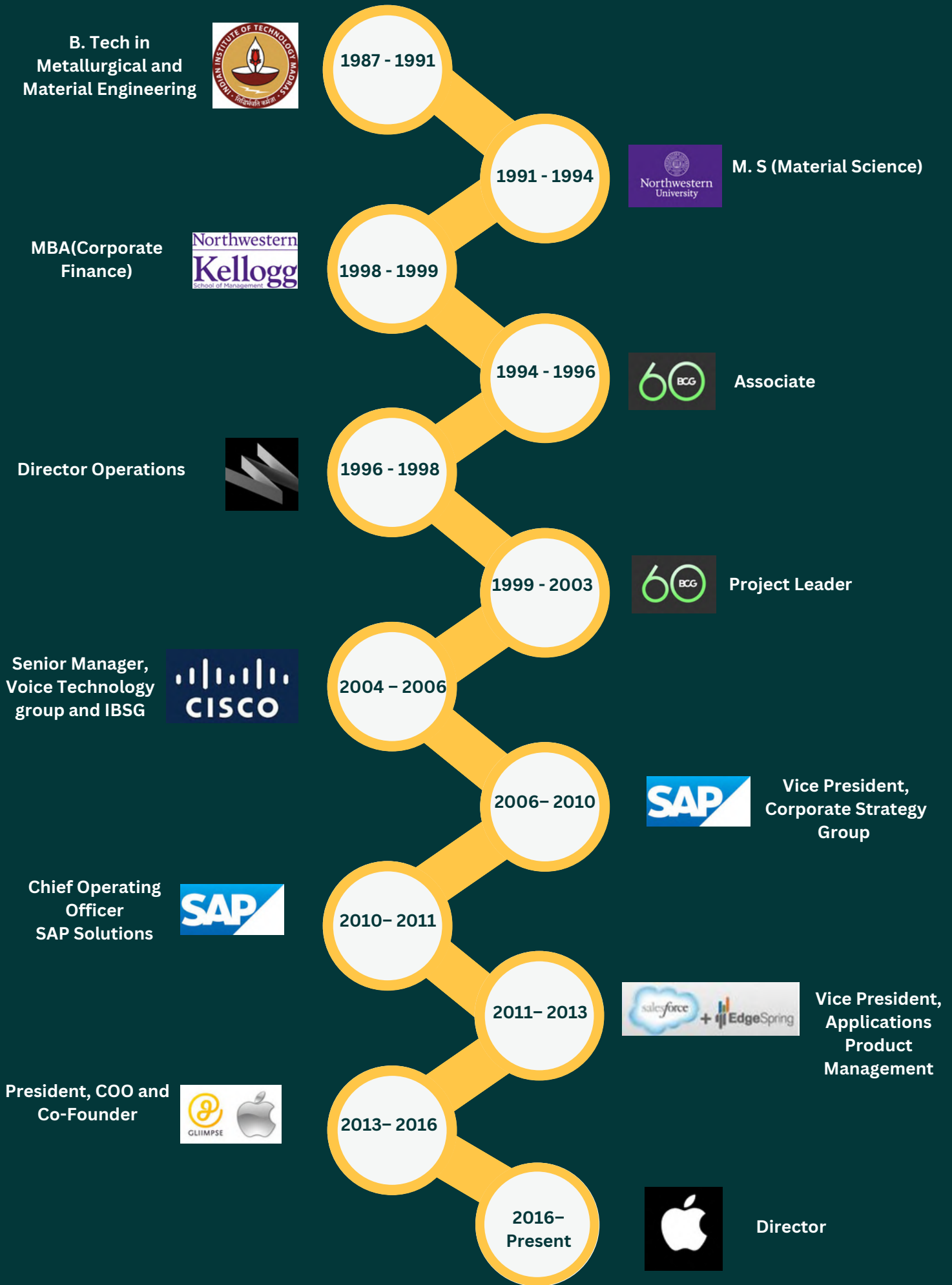
Summary of your Contributions:

**1991 Batch Silver Reunion -
Women Leading IITM**

**Women Leading IITM
Endowment**

COVID - 19 Relief for India

Your Stellar Journey:



1991 Batch Silver Reunion - Women Leading IITM

The batch of 1991 have also contributed towards the cause.

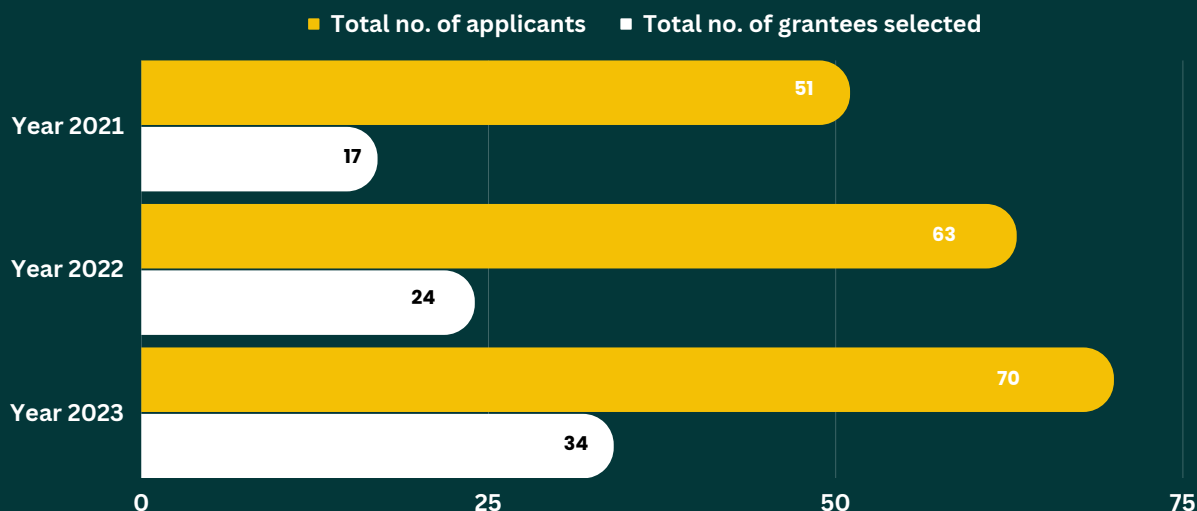
Education is the most important factor in empowering women. If women's empowerment in the true sense is ever to be realized, it could be only through education. Without education, women's empowerment is a distant dream and there is no way Sustainable Development Goals can be achieved.

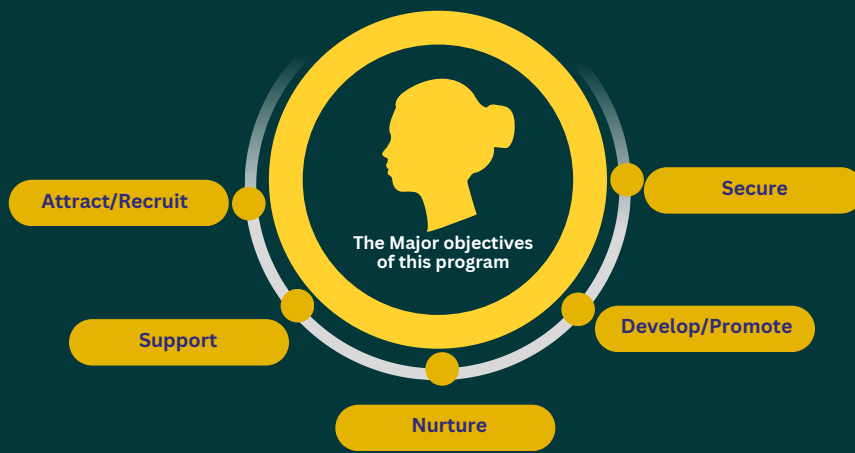
IITM has made considerable progress in improving the number of women students/ faculty & creating opportunities for success. IIT Madras launched the 'Women Leading IITM' (WLI) program on March -08th 2021 to boost women's leadership in science and technology. Women Leading IITM is a program to Nurture, Develop and Support women's talent at IITM along with their study/professional careers.

The goals of the 'Women Leading IITM' program

- 1 Increasing the percentage of women faculty in Assistant Professorships to 20% from the current 15%
- 2 Generating 30% of all faculty applications from Women candidates
- 3 Grantees expected to graduate to leadership roles within IITM
- 4 Next-generation ambassadors for enabling a gender-balanced IITM
- 5 Establish an award for Women Faculty in Leadership (Institute already has awards for staff in leadership and given the good presence of women in staff, many have been getting it over the years)

Statistics from 2021 - 2023





Attract/Recruit: Conduct outreach programs to visit other institutes to get the word out and recruit women post-doc, visiting women faculty, as well as full-time women faculty. Any other proposal to increase woman faculty recruitment will also be considered, Special focus will be on departments with lower women faculty numbers

Secure: run programs that provide physical and emotional safety for women

Develop/Promote: Create opportunities for women faculty and Postdoctoral Fellowship to do interdisciplinary work that can yield international research recognition Ex: Responsible AI work for non-Computer Science faculty at Robert Bosch Centre for Data Science and Artificial Intelligence (RBCDSAI)

Nurture: Support admin to deliver a new/ better mentorship program for women faculty as well as to encourage leadership amongst women faculty (HoDs, Chairpersons, Deans, Director)

Support: Ameliorate hurdles to career growth for a woman faculty member Example: a grant to pay for small-child travel while attending a conference, or a grant to provide for better child care while at work (for children up to age 5)

The Committee Members



Prof. Preeti Aghalayam
Chair person
Professor, Dept. of CH, IITM

Prof. Indumathi M. Nambi
Member
Chairperson, Women's Forum
Professor, Dept. of CE, IITM



Prof. Ligy Philip
Member
Former Chair person (WLI)
Professor, Dept. of CE, IITM

Dr. Sheetal Kalyani
Member
Professor, Dept. of EE, IITM



Dr. Shweta Agrawal
Member
Professor, Dept. of CSE, IITM

Prof. Timothy A Gonsalves
Member
Former Professor, IIT Madras



Dr. Louiqa Raschid
Member
IITM Alumni
Professor, University of Maryland

Ms. Shuba Kumar
Member
Past President, IITMAA
Director
Natesan Synchrocones Pvt Ltd



Ms. Swetha Bhupathi
Invitee & Convenor
Senior Advancement Officer
Office of Institutional Advancement, IITM

WLI Grantees - 2022



Donia Savio
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)

Pooja Hegde
Ph.D Scholar
Ocean Engineering, IITM
[Readmore](#)



Sumana Brahma
Ph.D Scholar
Dept. of Chemistry, IITM
[Readmore](#)

Hemashree G
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)



Avilasha Annanya Sandilya
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)

Shalini B
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)



D Madhurima Reddy
Ph.D Scholar
Chemical Engineering, IITM
[Readmore](#)

Dhanalakshmi Padmaraj
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)



Harija Harikumar
Ph.D Scholar
Chemical Engineering, IITM
[Readmore](#)

Vaishnavi S
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)



Divya Rajendran
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)

Sindhu K J
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)



Menaka K
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)

Vaishnavi Gujjula
Ph.D Scholar
Dept. of Mathematics, IITM
[Readmore](#)



Prabavathy S
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)

Priyanka Swarnkar
Ph.D Scholar
Mechanical Engineering, IITM
[Readmore](#)



Sivapriya S
Ph.D Scholar
Dept. of Biotechnology, IITM

Della Thomas
Ph.D Scholar
Dept. of Engineering Design, IITM



Devapriya A.S.
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)

Rajani K
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)



Vidya P Warriier
Ph.D Scholar
Dept. of Biotechnology, IITM
[Readmore](#)

Anjali P S
Ph.D Scholar
Electrical Engineering, IITM
[Readmore](#)



Pritha Dey
Ph.D Scholar
Dept. of Physics, IITM
[Readmore](#)

Monica Joseph
Ph.D Scholar
Civil Engineering, IITM
[Readmore](#)



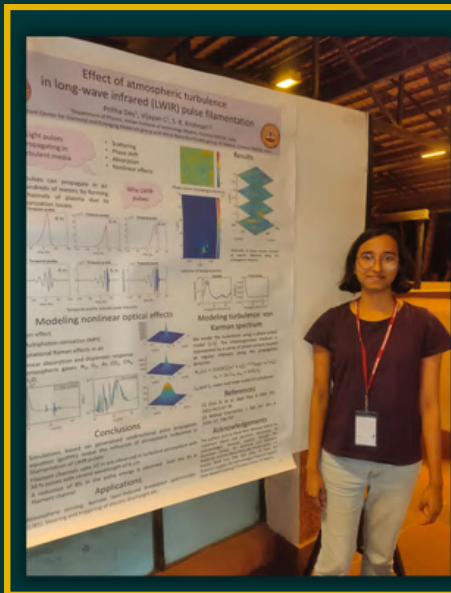
Few achievements of our 2022 beneficiaries

Vaishnavi Sivapuratharasan received Best Presentation Award

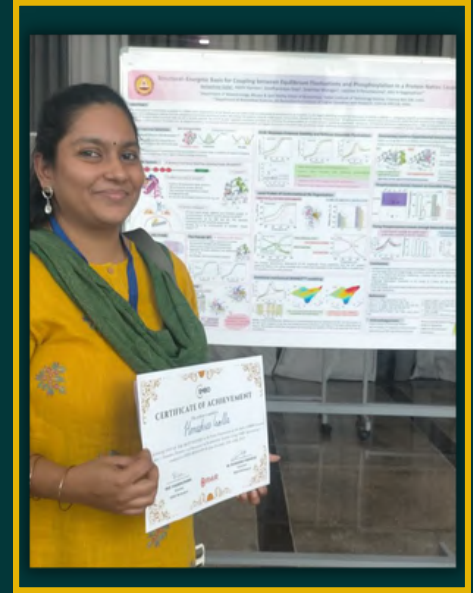


10/10/2022
 Congratulations to Vaishnavi Sivapuratharasan for the Best Presentation Award in the Applied Microbiology Division at the 15th Asian Congress on Biotechnology Conference, Bali, Indonesia. Her seminar covered some joint work between BTM, Chennai, and RWTH Aachen University. The title of her talk was "Lignin Valorization by Metabolic Engineering of Pseudomonas taiwanensis VL18120". Vaishnavi is the first Cotabate PhD for her supervisors Prof. Gohari Jayaseman and Prof. Lars M. Blank. Further success for your PhD!

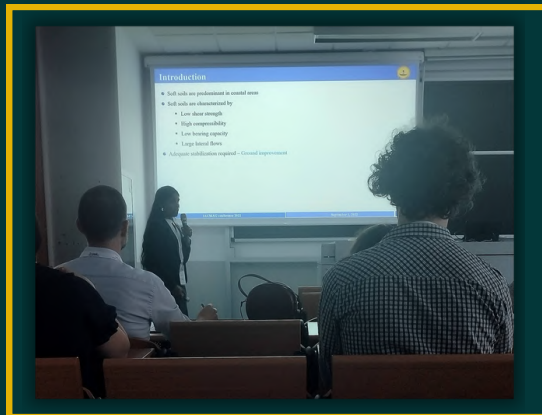
Ms. Vaishnavi S received best presentation award in the 15th Asian Congress on Biotechnology conference, Bali, Indonesia



Ms. Pritha Dey has submitted her presentation SPIE Photonics Europe 2022, Strasbourg, France



Ms. Vaishnavi S received best poster presentation award in EMBO Lecture Course conducted by IISER Berhampur



Ms. Prabhavathy S has participated in the International Association for Computer Methods and Advances in Geomechanics (IACMAG) conference, Turin, Italy



Ms. Anjali PS paper has been selected for oral presentation during the conference at Hyatt Regency Vancouver, Canada



Ms. Della Thomas has attended the Microscale Ocean Biophysics 6.0 program in Museu de la Mar, Sóller (Mallorca)



Ms. Harija Harikumar has won 1st prize in Student Presentation award in 15th International Conference on Sensing Technology, ICST'15 Sydney, Australia

WLI Grantees - 2023

70

Total no. of applicants

34

No. of Grantees selected

₹ 70.4 Lakhs

Total Fund allotted



AISHWARYA RAMESH

Ph.D Scholar
Dept of Management Studies

JESNA

Ph.D Scholar
Dept of Civil Engineering



AMBILI B

Ph.D Scholar
Dept of Civil Engineering

K LEENA

Ph.D Scholar
Dept of Biotechnology



ANBUTHANGAM A

Ph.D Scholar
*Dept of Metallurgical and
Materials Engineering*

SRILAKSHMI K

Ph.D Scholar
Dept of Ocean Engineering



ANUREKA R

Ph.D Scholar
Dept of Mechanical Engineering

KIRUTHIKA ESWARI V

Ph.D Scholar
Dept of Civil Engineering



ASHNA JOY

Ph.D Scholar
*Dept of Humanities and Social
Sciences*

BINCY LUKOSE

Ph.D Scholar
Dept of Biotechnology



ATHIRA A

Ph.D Scholar
Dept of Biotechnology

KIRUTHIKA J

Ph.D Scholar
Dept of Chemical Engineering



CHIPPY ALPHONS AUGUSTINE

Ph.D Scholar
*Dept of Metallurgical and
Materials Engineering*

MEDHA PANDEY

Ph.D Scholar
Dept of Biotechnology



DEBASRITA KAR

Ph.D Scholar
Dept of Electrical Engineering

MENAKA A S

Ph.D Scholar
Dept of Civil Engineering



SAILAKSHMI G

Ph.D Scholar
Dept of Biotechnology

NIDHI MURALI

Ph.D Scholar
Dept of Applied Mechanics



GAYATHRI R

Ph.D Scholar
Dept of Civil Engineering

NITHIA V

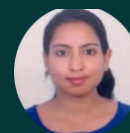
Ph.D Scholar
*Dept of Computer Science
Engineering*





JESLIN P ISSAC
Ph.D Scholar
Dept of Engineering Design

PRATIMA YADAV
Ph.D Scholar
Dept of Humanities and Social Sciences



PRITHA DEY
Ph.D Scholar
Dept of Physics

SMRUTI PARIMITA
Ph.D Scholar
Dept of Mechanical Engineering



PRIYANKA V P
Ph.D Scholar
Dept of Chemistry

SONAL OMER
Ph.D Scholar
Dept of Biotechnology



ROHINI S
Ph.D Scholar
Dept of Mathematics

SREEDEVI RADHAKRISHNAN
Ph.D Scholar
Dept of Biotechnology



SHABEERA K
Ph.D Scholar
Dept of Humanities and Social Sciences

SRUTI S
Ph.D Scholar
Dept of Electrical Engineering



SHANMUGA PRIYA R
Ph.D Scholar
Dept of Civil Engineering

SWETA THANGRIYAL
Ph.D Scholar
Dept of Chemistry



SINDHU K J
Ph.D Scholar
Dept of Biotechnology

VIDHYA G
Ph.D Scholar
Dept of Biotechnology



To view the previous report

[CLICK HERE](#)



COVID 19 RELIEF FOR INDIA

1. RESCUE TO Ph.D. SCHOLARS DURING COVID 19

During Covid -19 the Ph.D. scholars were unable to access labs to do their research hence there was a delay in their course duration. Some students were not receiving any stipend during this unexpected extension. This covid relief fund came as a rescue to more than 150 Ph.D. scholars to pursue their research without any financial constraints. Whose gratitude note we can see below.

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"

"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

"My deepest and sincere thanks to the donors who had generously donated to help research scholars whose fellowship got over. Covid 19 is a devastating scenario for every people and it was a catastrophe for scholars like me who were at the middle of our research work. Your contribution has tremendously helped to fight back the crisis during COVID 19 pandemic in both research as well as personal life. The money was spent to pay my hostel and institute fees. Some portions were also helped for my survival. I also thank Dean, Alumni and corporate relation and his team for taking swift action which had restored my research career"



Ashok kumar

“Dear donor, I (as a part of fellow other beneficiaries) thank on your intention to help the researchers monetarily on continuing the research activities. This covid situation not only extended time period of our research activities. For me, it affected the work as I lost my samples during this lockdown. Then I managed to cope up with the work by reviving strains and I am happy that you are willing to support to finish rest of my work. This will help me monetarily as I don't have earning person in my family”



Manoj Kumar S

For more info please

[CLICK HERE](#)



2. TO PROCURING OXYGEN CONCENTRATORS

The second wave of COVID-19 in India has struck close to many of us, people lost their lives due to a lack of oxygen. In these testing times, our IIT Madras Alumni, have come together to raise a focused fund for breathing aids that can help stabilize people in the crucial hours when care can make a big difference.

Initiatives of IIT Madras towards COVID relief of India:

IIT Madras launched a campaign to raise funds for procuring oxygen concentrators in the United States of America. The Institute exceeded its goal of raising \$1 million in 48 hours. The Indian Institute of Technology (IIT) Madras Alumni in India and abroad have donated more than USD\$ 2 million towards COVID relief efforts in India that are being coordinated by their Alma Mater. IIT Madras is using a phased approach for deployment to ensure a high impact of COVID-19 relief for the purchase of Oxygen cylinders, Bipap Machines, Injections, Medicines, Healthy food for Hostel students affected by covid was utilized.

The fundraising was coordinated by the Office of Alumni and Corporate Relations (ACR), IIT Madras, in association with IIT Madras Alumni Association of North America (IITMAANA), IITM Foundation in the U.S, Canadian friends of IITM and IITM UK Association. IIT MADRAS has been at the forefront of providing research & aid support during the pandemic.

The institute, alumni, researchers & faculty have been helping the government in various capacities from innovation in Health care research to fundraising drives for breathing aids. Few such initiatives were the contribution of oxygen concentrators, BiPAP units, and covid medical supplies to various state governments. The IIT-M Alumni Charitable Trust played a vital role in the logistics and in liaising with the local government. IIT Madras alumni working as senior executives with reputed MNCs were actively involved in evaluating and finalizing the options available at various stages throughout the process.



Glimpses of the contributions:

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



The handover was carried out in the presence of M A Siddique IAS, Principal Secretary, Government of Tamil Nadu and Meghanatha Reddy IAS, Deputy Commissioner (Works), Government of Tamil Nadu, Prof. Bhaskar Ramamurthi, Director, IIT Madras, Prof. Mahesh Panchagnula, Dean (ACR), N Alamelu, Secretary, IIT-M

» Donated BiPAP units, Injections and medicines.



Dr. Jane Prasad, Registrar, IIT Madras, and other officials handing over BiPAP units to Chennai Corporation Officials

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



Contribution of oxygen concentrators to the Government of Karnataka

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



Contribution of covid medicines to SVIMS, Chittoor

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

» **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.



Meals provided to hostel students

A walk down the memory lane...



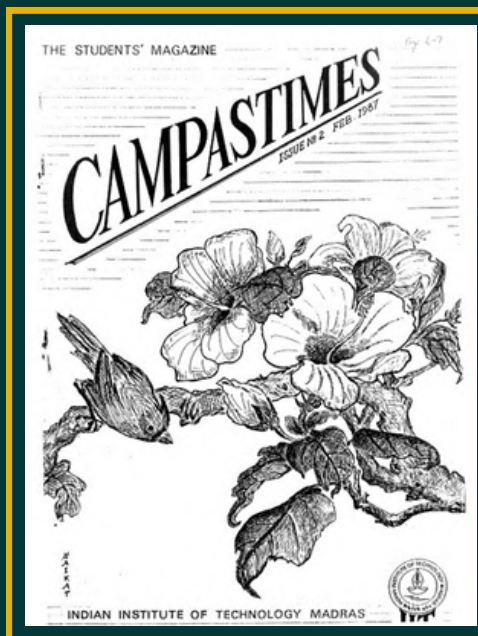
1991 reunion, Dec 26, 2016



Reunion- Dec 26, 2016



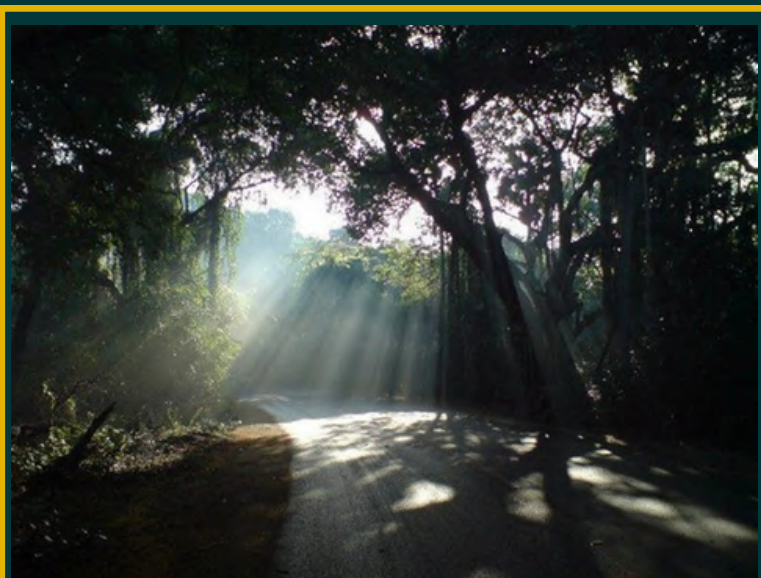
Richard von Weizsäcker in his convocation robes, 1991



Campastimes, Feb 1, 1987 issue



The iconic Gajendra Circle



A Scenic drive through IITM



Thank you for your support!

Shri Karthik Hariharan & Family!

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 relations with IIT Madras and how it has remained steadfastly committed to academic and research excellence since the time of your connection. 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!



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



July 2023