



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
OFFICE OF ALUMNI AND CORPORATE RELATIONS



Celebrating the generosity of

Mr. Ram Sundaram



P K Aravindan Institute Chair



Travel Grant



Prof. M. S. Ananth Endowment Fund



Impact of your giving in 2024

Greetings!

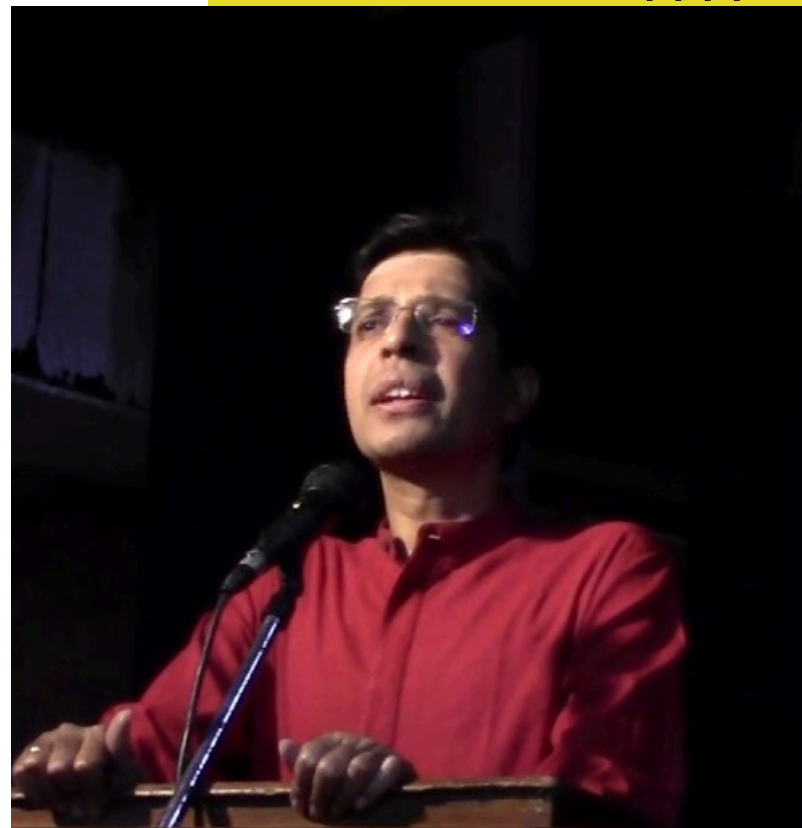
IIT Madras continues to retain her top position for the eighth consecutive year, in the National Institute Ranking Framework, thanks to the world-class research, unwavering dedication and creative mindset of its faculty and students. The contribution and support of Alumni and well-wishers like you have 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 ecosystem 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!



Prof. Kamakoti Veezhinathan

Director, IIT Madras



Director's Message

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.

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



Prof. Mahesh Panchagnula

Dean, Alumni & Corporate Relations, IITM



Dean's Message



Mr. Ram Sundaram

1988/BT/CE

Former Partner, Goldman Sachs USA

Distinguished Alumnus Awardee of IIT Madras

Memories to cherish



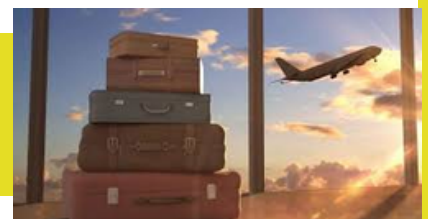


CAUSES SUPPORTED



P K Aravindan Institute Chair

Travel Grant



Prof. M. S. Ananth Endowment Fund

P K ARAVINDAN INSTITUTE CHAIR

Introduction:

The Prof. P.K. Aravindan Institute Chair has been established to honor the late Prof. P.K. Aravindan, an outstanding teacher who was very popular among his colleagues. He has inspired generations of students and research scholars, teaching various courses at both undergraduate and postgraduate levels.

The Department of Civil Engineering created a Chair Professorship in the name of Prof. P.K. Aravindan, as an expression of gratitude to a great teacher who actively contributed to the development of the Department of Civil Engineering and IIT Madras in its formative years, and to honour his significant contributions to structural engineering practice in India.

About the Chair Occupant:

Prof. Mehar Prasad A, Department of Civil Engineering is the current occupant of this chair.

Academic Background:

- Bachelor of Technology in Civil Engineering (1982), The Indian Institute of Technology Madras
- Ph.D. Civil Engineering (1989), Rice University, Houston, Texas, US

Research Interests:

- Structural Dynamics
- Earthquake Engineering
- Structural Stability
- Structural Analysis
- Finite Element Analysis
- Dynamic Analysis
- Nonlinear Analysis
- Finite Element Modeling
- Stress Analysis

Prof. Mehar Prasad has over 32 years of research experience in structural dynamics and earthquake engineering. His Ph.D. work was in the area of dynamic soil-structure interaction. His recent work is related to the computational modelling of reinforced concrete buildings and bridges subjected to earthquakes. Specifically, the work concentrates on preparing seismic evaluation methodologies and obtaining the required computational tools to identify all the possible failure mechanisms of the available Indian building stock considering the prevailing construction practice.

His research group is currently working on developing fragility curves for the building typology available in India. His other research areas include Glass fiber-reinforced gypsum wall panel building systems, bridge health monitoring, structural reliability, and computational mechanics. He also worked on vulnerability models for buildings in cyclone-prone areas. His bridge-related research work includes the probabilistic modelling of highway bridges, congestion factors, instrumentation and monitoring of bridges; construction stage behaviour of cable-stayed bridges; time-dependent behaviour of bridges



Prof. P.K. Aravindan



Prof. Mehar Prasad A
Department of Civil Engineering

Awards and Recognitions:

- ✓ Author of over 120 papers, a significant number of them in structural dynamics and earthquake engineering.
- ✓ Recipient of the 1990 NORMAN Gold Medal from the American Society of Civil Engineers (ASCE)
- ✓ Member of Bureau of Indian Standards Committees on Seismic assessment and strengthening of buildings (CED39:9), Earthquake resistant design, and construction of prefabricated/precast structures. Tall buildings, Wind loads
- ✓ Member IRC B-2 committee
- ✓ Institute coordinator for the National Programme on Earthquake Engineering Education (NPEEE) and member of its Programme Implementation Committee.
- ✓ Institute coordinator for National Programme for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM), sponsored by the Ministry of Home Affairs, Government of India.
- ✓ Member of expert committee on the preparation of manual of retrofitting of buildings constituted by Indian Buildings Congress.
- ✓ Reviewed papers for journals such as Earthquake Engineering & Structural Dynamics, ISET Journal of Earthquake Technology, Engineering Analysis and Design, Journal of Institution of Engineers (India), Current Science, etc
- ✓ Principal Coordinator for Indo-Italian significant bilateral project with the University of Pavia, Italy on Seismic Vulnerability of Historic Centres in India
- ✓ Conducted many short workshops and courses for practicing engineers and engineering college teachers.

Chair Launch Photos:

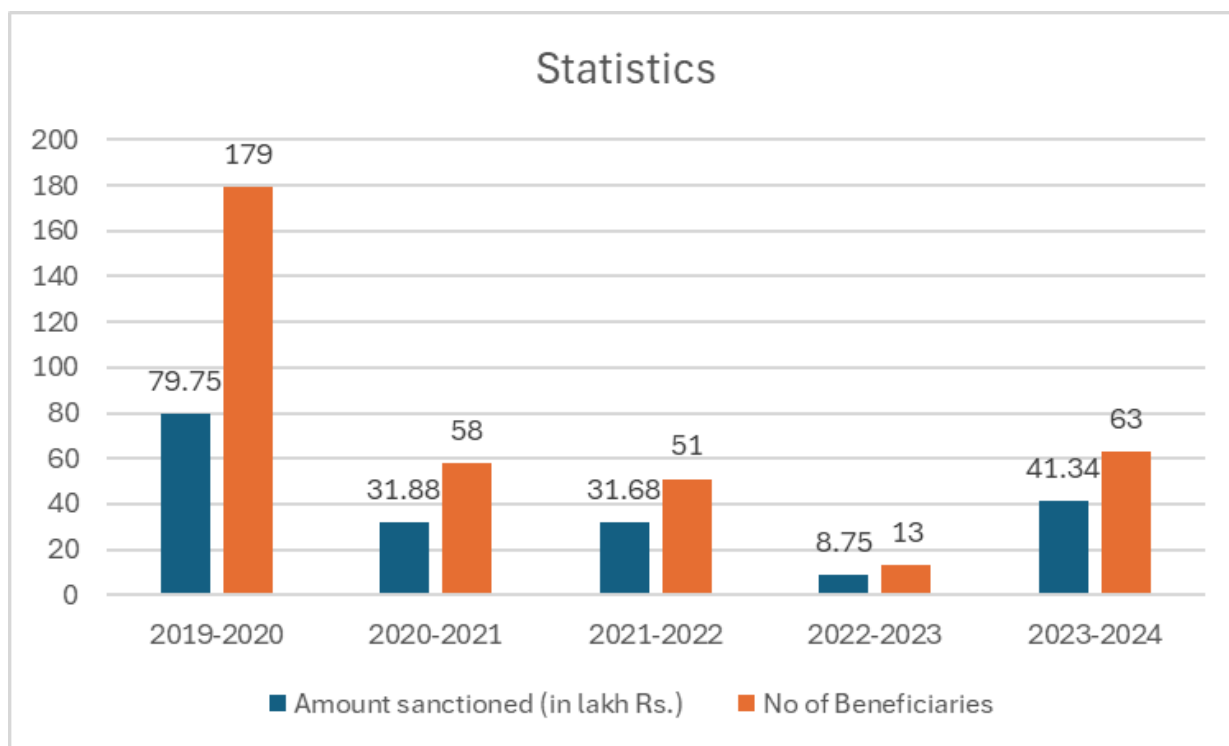


TRAVEL GRANT

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



P. K. Vishnu
Ph.D Physics

“ I am writing to express my deepest gratitude for the generous grant I received from the Office of Alumni and Corporate Relations for my research visit to Missouri University of Science and Technology, Rolla, United States. This research visit was very crucial for my Ph.D. thesis. I got an opportunity to interact closely with my collaborator, who is an expert in my field of research.

The lessons learned, both academically and non-academically, are invaluable in my life.

Your kindness and generosity have left a profound impact on not only me but many students at IIT Madras. I feel lucky to be awarded this financial support and am motivated to give back in the future, contributing to the legacy of support and excellence.”

“

I, Anusha Kumar, am a M.S. – Ph.D. dual degree student in the Department of Management Studies, working under the guidance of Prof. Nandan Sudarsanam. As a Visiting Student, I visited the Massachusetts Institute of Technology, Cambridge, United States. During my research program there at MIT, I worked under the supervision of Prof. Daniel D. Frey in the Department of Mechanical Engineering.

I benefitted immensely from the Alumni Travel Grant, which helped cover my living expenses. The visit has been a great opportunity and learning experience, and the work carried out at the host institute is a valuable addition to my current research work. I thank the donors and the travel grant committee for considering my application and awarding the grant.



Anusha Kumar
Ph.D Management Studies

”

“

I am writing to express my deepest gratitude for the travel grant I received. 2022-2023. I am truly honored and humbled to have been selected as a recipient of this fund. My paper titled “Distributed control of networked multi-agent systems using network adapted guaranteed cost equilibrium controls” was accepted for presentation at the 61st IEEE Conference on Decision and Control (CDC) held in Cancún, Mexico.

I am grateful for the support I have received, which has played a crucial role in enabling me to participate in the flagship conference (CDC) of the IEEE Control System Society. Attending this conference has broadened my knowledge, allowed me to connect with researchers, and contributed to meaningful discussions in the relevant research field. A big thank you to my PhD supervisor, Dr. Puduru Viswanadha Reddy, for always helping and supporting me to be part of this conference.

I want to convey my sincere appreciation to the donors for their commitment to promoting education and enabling individuals like me to pursue and share knowledge on a broader platform. Their support has made a significant difference in my life and serves as an inspiration to strive for excellence in my academic and professional pursuits. Receiving this grant has not only supported my current work but also inspired me to contribute in the future, creating a positive impact within our community.”

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For detailed report

[CLICK HERE](#) 

PROF. M. S. ANANTH ENDOWMENT FUND

Prof. M. S. Ananth Endowment Fund at the IIT Madras is the fund established to honor Prof. M. S. Ananth, who served as the Director of IIT Madras from 2001 to 2011. He was well-known for his contributions to science and teaching, as well as his tireless efforts to develop higher education and research in India. The alumni and well-wishers have contributed towards this endowment.



Prof. M S Ananth

The interest accrued from this endowment is used to support the following activities:

- To support the educational needs of the children of staff members Tech Kids who work on IITM campus
- To support socially relevant projects

To support the educational needs of the children of staff members Tech Kids who work on IITM campus

The Tech Kids daycare is run under the aegis of the IIT Madras Campus Welfare Trust and has been helped by generous contributions from the IIT Madras Alumni Association. The origins of Tech Kids trace back to the 1990s when the staff club ran it. A receptionist by the name Roja used to run it at the time with six children. Around 1997, with the initiative of Prof. Natarajan (then the Director), it received official recognition from the Institute. It was christened "Day Care cum Child Activity Centre (CAC)" with Prof. Hema Murthy as its first chairperson. It was initially run in a shed and employed a teacher and six helpers.

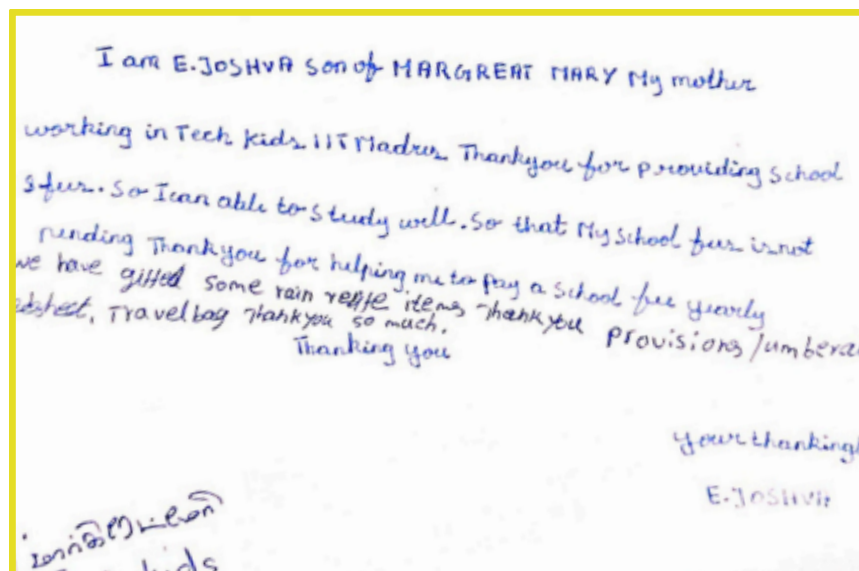
This year this endowment funds were used to help the children of the workers of the Tech Kids daycare.

Gratitude Note from the beneficiaries:



E. Joshva

S/O Margaret Mary



I am R.Karthikeyan son of R. Abirami my mother working Tech kids IIT Madras. Thank you for providing school fees. So I can able to study well. So that my school fees is not pending Thank you for helping me to pay a school fee yearly. we have gifted some rain relief items Thank you Provisions/umbrella, Bedsheet travel bag Thankyou so much,



R. Karthikeyan
S/O R. Abirami

For detailed report: [CLICK HERE](#) 

To support socially relevant projects

Our team is working along with the principal in charge in developing a portal to collect the various proposals for the Socially Relevant Projects from various professors of our institute. Once this is complete we will select the recipients after reviewing all the proposals.

A report will be sent once the recipients are identified along with the details of their socially relevant projects.



We are grateful to you and your family

Mr. Ram Sundaram & Mrs. Preethi Krishna

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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