



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations

CELEBRATING THE GENEROSITY OF MR. PRASAD SUBRAMANIAN



IMPACT OF YOUR GIVING IN 2024

DIRECTOR'S MESSAGE

Prof. Kamakoti Veezhinathan
Director, IIT Madras

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.

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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 & Corporate
Relations, IIT Madras

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.



MR. PRASAD SUBRAMANIAN
1978/BT/EE
VICE PRESIDENT, DESIGN TECHNOLOGY AND
R&D AT ESILICON CORPORATION

Dr. Prasad Subramaniam is responsible for evaluating new and advanced technologies and developing the design platform for IC design at eSilicon. His management experience encompasses deep submicron process technologies, design methodology, 3D-IC, and analog and mixed-signal design. Prior to eSilicon, he was VP of R&D at Cadence Design Systems and held a variety of technical and management positions at Lucent Technologies Bell Labs, culminating his career there as the head of analog and RF CAD. Dr. Subramaniam is a senior member of the IEEE, and has published numerous papers in technical conferences and journals.

SUMMARY OF YOUR CONTRIBUTIONS

01 1978 Batch Project - Alumni
Endowment Fund

02 1978 Batch Ruby Reunion -
Prakash Faculty Externship

1978 BATCH PROJECT - ALUMNI ENDOWMENT FUND

The 1978 Batch reunion contributions was used towards the Alumni Endowment Fund. The annual interest from the Alumni Endowment Fund was utilized towards the Travel Grant and NPTEL during the year 2023-2024.

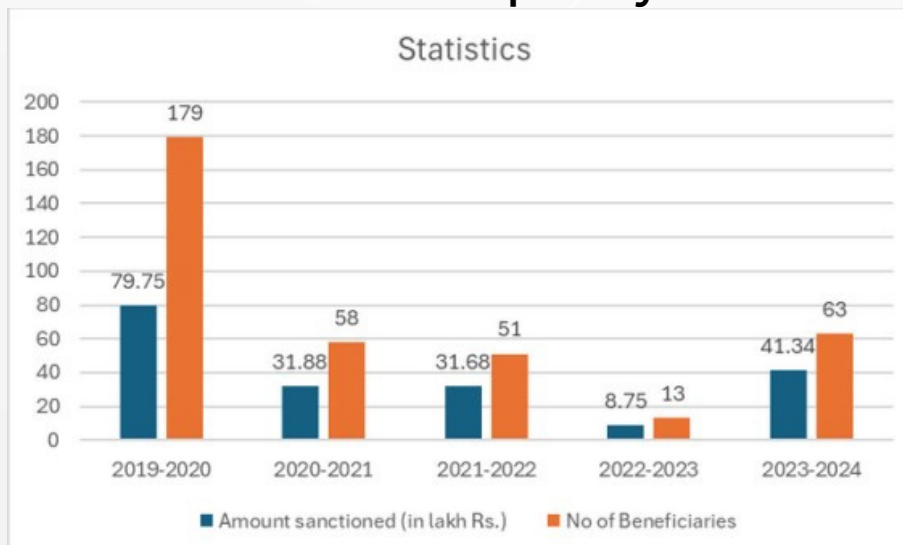


TRAVEL GRANT

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



NATIONAL PROGRAM ON ENHANCED TECHNOLOGY LEARNING (NPTEL)

NPTEL (National Programme on Technology Enhanced Learning), is a joint venture of the IITs and IISc, funded by the Ministry of Education (MoE) Government of India, and was launched in 2003 by seven IITs : Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee, in conjunction with the Indian Institute of Science (IISc).. Initially started as a project to take quality education to all corners of the country, NPTEL now offers close to 600+ courses for certification every semester in about 22 disciplines.

NPTEL began offering open online courses in March 2014. It is now possible for ANYONE outside the IIT System to be able to do an online certification course from NPTEL and get a certificate from the IITs. IITs are reaching out and taking education to the homes of people through this initiative. The objective of enabling students obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education programme.

Highlights From NPTEL

- Largest online repository in the world of courses in engineering, basic sciences and selected humanities and management subjects
- Translation of more than 12000 hours of English transcripts in regional Indian languages
- YouTube channel for NPTEL – most subscribed educational channel, 1.3 billion views and 40+ lakhs subscribers
- Most accessed library of peer-reviewed educational content in the world
- More than 56000 hours of video content, transcribed and subtitled

For the full report, please refer to the below link.

CLICK HERE

1978 BATCH RUBY REUNION - PRAKASH FACULTY EXTERNSHIP

The Faculty Externship Program is for the faculty who travel abroad for short durations to universities across the globe mainly for research purpose. The Class of 1978 during their Ruby Reunion unanimously contributed towards this faculty externship program and named it “Prakash faculty Externship” in memory of their batchmate Prof. K. Prakash.



About Prof. K. Prakash

Prof. K. Prakash was from the Batch of 1978 of IIT Madras. He is addressed as ‘An incredible human being’. Prof. Prakash was a faculty at the University of Kansas and for a very short tenure he was a faculty at IIT Madras . He has always been selfless and helpful. He was always admired by others for his kindness and compassion.

Objective of the Program

- A vital intention of this program is to enable a faculty member’s first visit to the world’s best research institutions abroad.
- To create a virtuous cycle by increasing collaboration, improving the quality of research.
- To improve the reputation of our faculty and institute by paving the way to attract new faculty and institutions interested in collaborating with IIT Madras in the future.

Support provided to the faculty

- This program will support expenses related to local hospitality as well as some local travel of the faculty.
- The cost of an externship per faculty will be between USD 6K to USD 8K depending upon the grant requested by the faculty.
- The interest from the endowment fund provided by the 1978 batch Ruby reunion will support some faculty members every year for their Externship in the name of “Prakash Fellowship”.

The first beneficiary of this Faculty Externship Program was Prof. Anubhab Roy from the Department of Applied Mechanics and Biomedical Engineering. He visited ENS Lyon, France, which focused on collaborative research with Prof. Thierry Dauxois and his group at ENS Lyon.

For the full report, please refer to the below link.

[CLICK HERE](#)

WE ARE GRATEFUL TO YOU AND YOUR FAMILY MR. PRASAD SUBRAMANIAN



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. 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!



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