



# Impact of your giving in 2023

Indian Institute of Technology Madras  
Office of Alumni and Corporate Relations



**CELEBRATING THE GENEROSITY**  
of  
**DR. PRASAD SUBRAMANIAM**

JULY 2023

# Message from Director

## 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. KAMAKOTI VEEZHINATHAN**  
**Director, IITM**

# Message from Dean



**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 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 !**

# Dr. Prasad Subramaniam

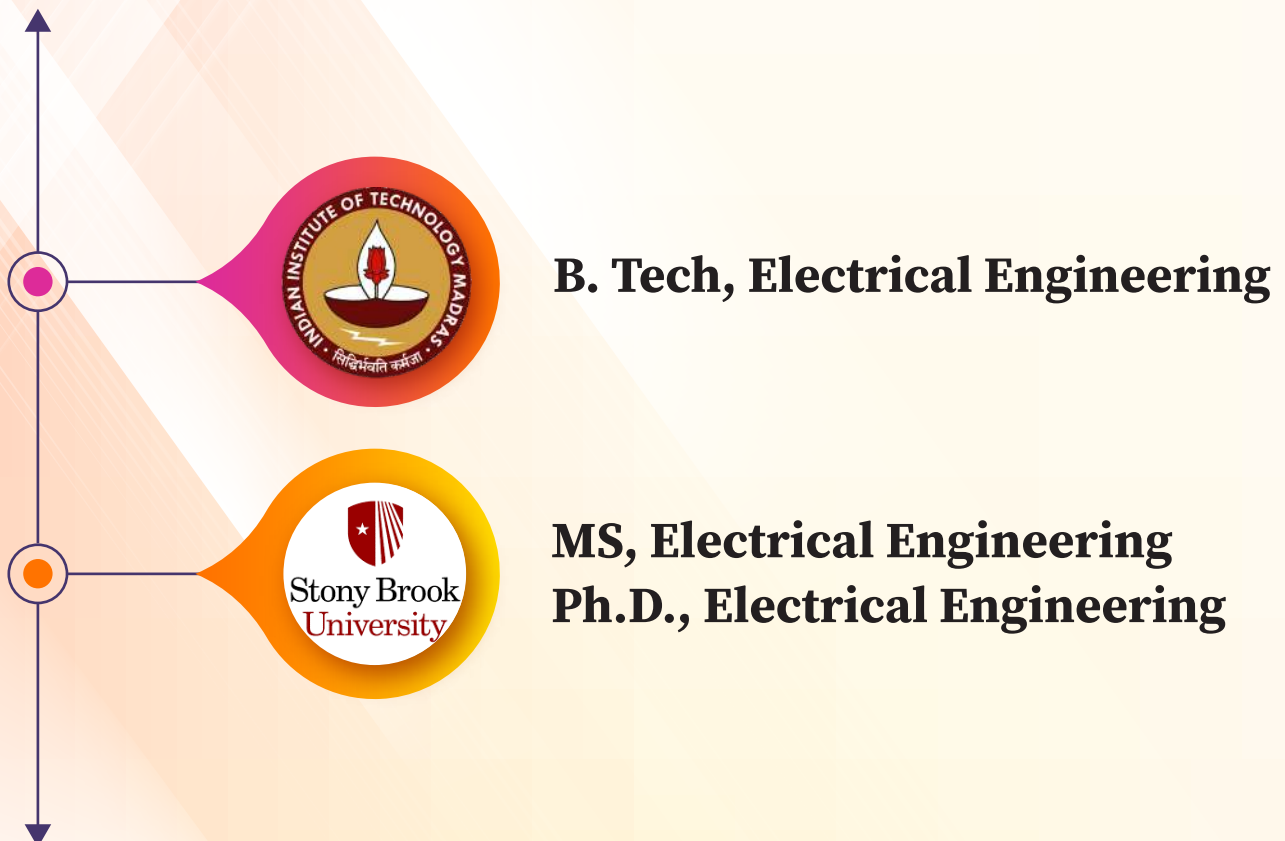
1978/BT/EE

Vice President, Design Technology  
and R&D at eSilicon Corporation

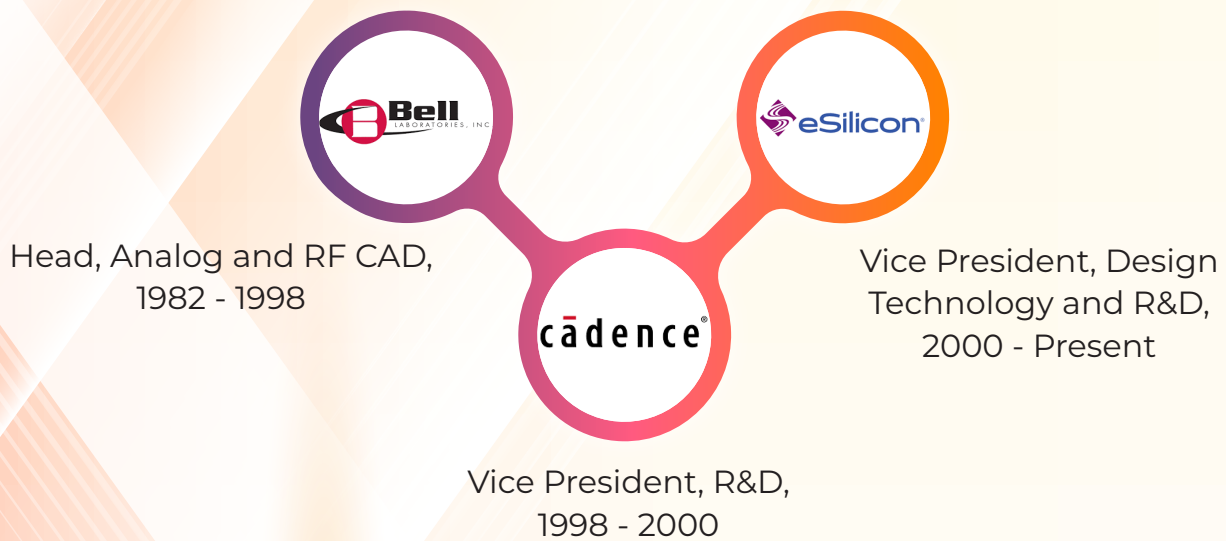
Dr. Prasad Subramaniam is responsible for evaluating new and advanced technologies and developing the design platform for IC design at eSilicon. His management experience encompasses deep submicron process technologies, design methodology, 3D-IC, and analog and mixed-signal design. Prior to eSilicon, 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.

## Education Roadmap:



# Stellar Career Journey:



## Summary of your contribution:

1978 Batch Project - Himalaya Kailash  
Wing

1978 Batch Project - Alumni  
Endowment Fund

1978 Batch Ruby Reunion - Prakash  
Faculty Externship

# 1978 Batch Project - Himalaya Kailash Wing

The Himalaya Kailash Wing at IIT Madras is a central dining facility that plays a vital role in student life, fostering interaction and serving as a hub of activity. Operating during breakfast (6:45-9 am), lunch (12-2 pm), and dinner (6:45-9 pm), it attracts a large number of students throughout the day.

The halls at Himalaya Kailash Wing can comfortably accommodate 150 to 200 individuals at a time. Conveniently located adjacent to the dining area, clean restrooms ensure easy accessibility for students, eliminating the need to travel back to their hostels during busy schedules.

To enhance the dining experience, students are provided with comfortable steel tables and attached seating arrangements, creating a cozy and inviting environment. The mess halls are equipped with ceiling fans and proper ventilation to combat Chennai's hot and humid weather conditions.

The overall comfort and ambience of the mess halls contribute to a satisfactory dining experience for students. Alumni, like Kurian, fondly recall the pleasant memories and lively conversations shared at the dining tables of Himalaya Kailash Wing.

Strategically positioned amidst a picturesque setting with a well-maintained garden and a scenic lawn, the Himalaya Kailash Wing holds a prominent place within the IIT Madras campus. Its location adds to its popularity among students and solidifies its status as an integral part of the institution's history. Similar to its namesake, the mighty Himalayas, this magnificent building continues to hold a special place in the hearts of the IITM community.



# 1978 Batch Project – Alumni Endowment Fund

The interest accrued from the General Alumni Endowment Fund is utilized for

1. Travel Grant to students
2. Video Productions and virtual classroom meetings
3. Journal Publication Support

## 1. Travel Grant to students:

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.



## A Few Beneficiaries of Travel Grant



Srishti Adhikary



Bakul Jangley



Amogh Waghmare



Pratyush Kumar



Ramita Jawahar



Deepak Bajhaiya



Amal Zulfikar



Sreelekshmi P. S.

[Click here to read more](#)




## 2. Video Productions and virtual classroom meetings:

National Programme on Technology Enhanced Learning (NPTEL), a project of the MHRD initiated in 2003 by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore, provides recorded lectures taught by its member institutes online for open access.

NPTEL has the world's largest online repository of courses in basic sciences, engineering and selected humanities and social sciences subjects. The online portal is the most accessed library of peer-reviewed educational content in the world.

Since March 2014, NPTEL has been offering open online courses along with certificates from the IITs/IISc for those who complete the courses successfully. The courses are free for enrolment and learning. The certification examination conducted at the end of the course is optional and has a small fee.

Technical assistance and execution of NPTEL's lecture videos were provided by video productions and virtual classroom meetings team at IIT Madras.



Online Learning Initiatives by  
IITs and IISc  
funded by MoE, Govt of India

**NPTEL**

**NPTEL**

[Click here for lecture videos](#)

The image features a central graphic with a light green background. At the top, it reads "Online Learning Initiatives by IITs and IISc funded by MoE, Govt of India". Below this is the NPTEL logo, which consists of a stylized gear-like emblem and the word "NPTEL" in large, bold, red letters. Surrounding the central text are ten circular logos of member institutes: IIT Bombay, IIT Delhi, IIT Kanpur, IIT Kharagpur, IIT Madras, IIT Guwahati, IIT Roorkee, and IISc Bangalore. At the bottom left is another NPTEL logo, and at the bottom right is an orange button with the text "Click here for lecture videos".

### 3. Journal Publication Support:

Financial support is provided for meeting publication charges in selected prestigious open access journals. The publications of faculty members were encouraged, as it is an added advantage to release their journal in open access. So far 10 faculty has been benefitted through this scheme.

*Thank you message by one of our eminent professors of IIT Madras to all the contributors who supported journal publication*



**Prof. T. ASOKAN**  
**Department of Engineering Design IIT Madras**

"I am highly thankful to IIT Madras which made the open access publications a possibility for many faculties at IIT Madras. The high cost of publication in reputed journals was often a bottle neck for many of us to opt for high-impact journals for publication of our research work. The support provided through the alumni office has greatly helped us to overcome this problem and make our research work accessible to a wider audience through open access route. I personally benefited from this and could publish three papers in high-impact journals. We will be ever grateful to all the contributors for making this possible."

# 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.

1978 Batch along with many other alumni and non-alumni well-wishers have contributed magnanimously towards Prakash Faculty Externship in the memory of their classmate Prof. K. Prakash.

## **Objective:**

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

## **Details:**

This program will enable young faculty members of IIT Madras per year to spend between four to eight weeks abroad at a world-class institution. IIT Madras will define the requirements of the faculty applicant and the selection process and report on results relating to ongoing collaboration, research, publications, citations, etc.

## **Prakash Faculty Externship:**



**Prof. Prakash Krishnaswami**

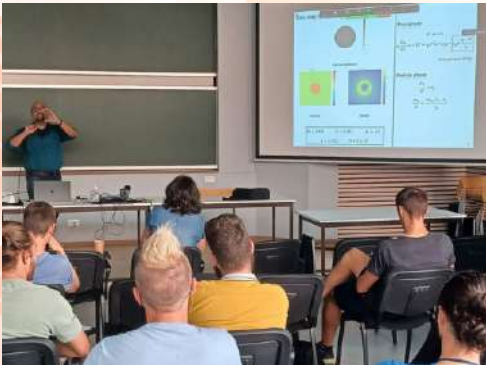
Prof. K. Prakash belongs to the batch of 1978 and is no more amongst his batchmates. The "Prakash Fellowship" Faculty Externship was named in remembrance of Prof. K. Prakash by the Ruby reunion batch of 1978. Apart from his many accomplishments as a student at IIT Madras and a faculty at the University of Kansas, USA, his brief tenure as a faculty at IIT Madras reflects his desire to give back to his alma mater.

[Click here to know more](#)

## Support provided to 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".

## Glimpses from his visit...



### **Prof. Anubhab Roy**

Assistant Professor,  
Applied Mechanics,

Prakash Faculty Fellowship - 2020.

Because of COVID-19 Prof. Anubhab Roy visited  
ENS Lyon, France only in the year 2022.

[Click here to know more](#)

## Glimpses from the batch reunion...



**1978 Batch Ruby Reunion**



# WE ARE GRATEFUL TO YOU!

## DR. PRASAD SUBRAMANIAM

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.



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