



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations

Celebrating the
Generosity of



Mr. Suresh Kumar S

Impact of your giving In 2023

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!

Mr. Suresh Kumar S

[1981/BT/CE]

Mr. Suresh Kumar S is an accomplished professional with a diverse educational background and a relentless drive for innovation. Mr. Suresh Kumar graduated with a B.Tech in Civil Engineering from the prestigious Indian Institute of Technology Madras (IITM) in 1981. Later he pursued an MBA from the renowned Indian Institute of Management Ahmedabad (IIMA) in 1983. Recognizing the growing influence of technology, Mr. Suresh further honed his skills by studying MS in Computer Science at the New York Institute of Technology in 1986.

Throughout his career, Mr. Suresh has consistently been at the forefront of technological advancements, channeling his passion to improve the lives of individuals through innovation. He embarked on his professional journey as an entrepreneurial developer, where he played a pivotal role in constructing the first online trading platform on Prodigy. Since then, he has continuously pushed the boundaries of technology, leading the digital transformation efforts of one of the world's oldest and largest financial services institutions.

Under his guidance, he has successfully produced and modernized impactful technologies, while fostering an environment of innovation that empowers those around him.

In today's fast-paced world, where disruptive forces are becoming increasingly prevalent, organizations must be proactive in anticipating and embracing change. Mr. Suresh Kumar has made it his mission to assist organizations in recognizing the threats posed by disruption and seizing the opportunities it presents.

CAREER TRAJECTORY

CIO	CEO	CIO	Global CIO	Board Member
DLJ Direct	iNautix	Pershing LLC	BNY Mellon	Symphony - Secure Seamless Communication
1988 – 2001	1997 – 2017	2001 - 2011	2011 – 2017	2014 – 2017

CAUSES CONTRIBUTED

Alumni
Community
Institute Chair

1981 Batch Coral
Reunion Project
– Modernization
of CFI

Alumni
Sports Meet

1981 Batch
Ruby Reunion
– E-mobility
Buses

ALUMNI COMMUNITY INSTITUTE CHAIR

Prof. R. Nagarajan (Department of Chemical Engineering) is the Alumni Community Chair Professor. After completing his 3-year term as Head of the Department of Chemical Engineering, Prof. Nagarajan has undertaken his sabbatical at Purdue University as Robert T. Henson Distinguished Visiting Scholar in the Davidson School of Chemical Engineering.

During this stay, he has conducted a Seminar Series on "Contamination Control in High Purity Manufacturing" for Purdue faculty and students. He has presented a paper at the WOCA 2022 (World of Coal Ash) conference at Covington, Kentucky, and organized a Panel at the Deshpande Symposium in Cleveland, Ohio.



Achievements:

- Award for "Distinguished Service to Alumni" in IITMAA Sangam Confluence for Impact on Sep 29, 2018
- "Eminent Engineer Award" from the Institution of Engineers (India) in October 2018.
- He has won several awards, including the Outstanding Younger Member Award, Institute of Environmental Sciences and Technology (IEST), April 1990; Patent (# 5,879,578) Issue Award, March 1999 several IBM Innovation & Performance Awards and Team Awards, etc...

Research Priorities:

- Coal beneficiation using the ultra-sonic fields
- Nano emulsions of plant oils used for cancer treatment
- Dust-repellent surfaces and coatings for building exteriors
- **Doctoral Research:**
 1. **One Ph.D.** thesis on "A comparative study to understand the effect of solvents, particle size and their role in the de-alkalization of coal was carried out" was defended in Jan 2020 (Dr. Srivalli Hariharan)
 2. **Two Ph.D.'s** co-guided with Prof. T Pradeep on an industry-relevant project, and one External Ph.D.
- **Post-Doctoral Research:** Three post-doctoral Fellows are being mentored currently. They have developed a nano-scale emulsion of clove bud essential oil using a potent anticancer and antibacterial activity technique.



1981 BATCH CORAL REUNION PROJECT – MODERNISATION OF CFI



CFI is about 10 years old and needed modernization to keep pace with the evolving opportunities. The cause of the Modernization of CFI was supported by the classes of 1981, 1991, 1990 and the Jamuna Hostel inmates of the 1991 Batch.

This new building is called “The Sudha and Shankar Innovation Hub”. It is a veritable boon for the ingenious minds of IIT Madras- offering them a fertile space to harvest their ideas and bring them to life.

The modernized CFI in the new building was inaugurated by the Hon'ble. Vice President of India, Shri. Jagdeep Dhankar on February 28, 2023.

This innovation hub has been envisioned by its pioneers, to be the epicenter of all innovation and entrepreneurship and in turn, strategically hosts the following centers:

Centre for Innovation

NIRMAAN – The Pre-Incubator

**Gopalakrishnan-Deshpande
Centre for Innovation**

**Centre for Social Innovation and
Entrepreneurship**



1981 BATCH RUBY REUNION – E-BUSES

After 40 years, the graduating class of 1981 got back together for their belated ruby reunion on December 21, 2022. During this reunion, the batchmates unanimously agreed to contribute towards the incorporation of E-mobile buses at the IIT Madras campus.



E-cart



Project update as on 27-09-2023:

- 4 E-carts have been purchased and are currently being used inside the campus. These e-carts have been immensely useful to the students and faculty alike to move around the campus. It has also been used by visitors to enjoy the scenic beauty of the campus.
- Call for the Tender process for E-bus is completed
- Technical review with supplier is completed
- Additional Technical information to be shared by Supplier is in progress
- Financial bid open / Purchase order release to the supplier is in progress
- Delivery lead time is three months from the purchase order date and the first E-bus is expected to be in campus by the end of December 2023



*We are grateful to you &
your family*

Mr. Suresh Kumar S

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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