



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations



Impact
of your
giving in
2023

CELEBRATING THE GENEROSITY
of
DR. ARAVIND IMMANENI

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. Aravind Immaneni



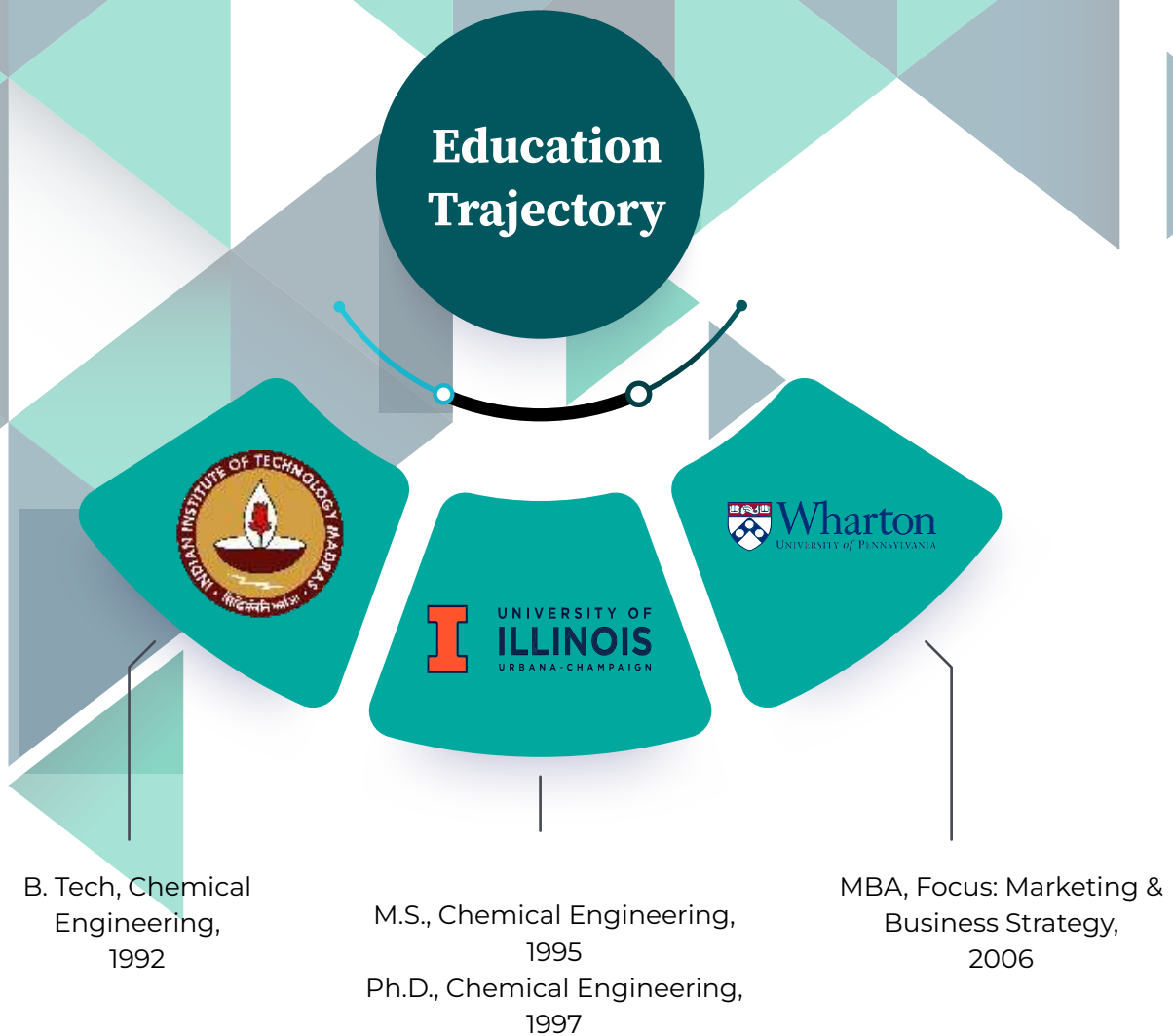
1992/BT/CH
President & CEO at Guardinex

Dr. Aravind Immaneni is a financial services veteran with extensive experience in banking operations, technology and fraud prevention. He also has a vast experience in transforming businesses by reinventing operations, technology and processes.

Dr. Aravind also put his passion to work on new initiatives under way to grow revenue of banks, tightly manage expenses and improve the customer experience.

He is a certified Six Sigma Master Black Belt. He is also an avid ultra-distance athlete and is a two-time Ironman finisher.

Education Trajectory:



Summary of your contribution:

1992 Batch Silver Reunion - Nirmaan Infrastructure
in New CFI Building

KG Venkatasubramanian Merit Cum Means
Scholarship Endowment

Career Journey:



Marketing Manager, 2001 – 2002
Technical Group Leader, 1999 – 2001
Senior Engineer, 1997 - 1999

Senior Vice President, 2007 – 2011
Vice President, 2004 – 2007
Group Manager, 2002 – 2004



Executive Vice President, 2014 – 2016
Senior Vice President, 2011 - 2014

Chief Operations and Technology
Officer, 2016 - 2018



Head of Global Operations and
Fraud Prevention, 2018 - 2020

President & CEO, 2020 - Present



1992 Batch Silver Reunion - Nirmaan Infrastructure in New CFI Building

Nirmaan, the pre-incubator, was initially set up during the year 2015 and was funded by Shri. Lakshmi Narayanan, the former CEO of Cognizant and former Chairman of ICT Academy and the Class of 1992 of IIT Madras.

The Class of 1992 also funded for NIRMAAN to be incorporated in the new CFI building. It was inaugurated on January 12, 2023, by Prof. Mahesh Panchagnula, Dean of Alumni & Corporate Relations, and Prof. Pratap Haridoss, Dean Academic Courses of IIT Madras who represented the Class of 1992.



(Prof. Mahesh Panchagnula and Prof. Pratap Haridoss inaugurating Nirmaan)

Nirmaan enables creative projects to explore the business potential and helps committed teams validate their ideas and their approach to the market, leading to establishing a start-up company.

140
Total Startups



44
Active Teams



19
Graduated Teams



300+
Entrepreneurs



12Cr+
Funds Raised



Achievements of Nirmaan:

PRAGY WELD

Pragy weld is a Nirmaan incubated startup which uses AI technology and builds machines which automate the welding process. Within AI technology, they use ML, IoT (Internet of Things) and high-end tools, generating 1.5-2 times the welding process speed. According to the founder, this is their product's USP (Unique selling proposition).



INBOUND

INBOUND is an aerospace-based startup preincubated at NIRMAAN founded by ARAVIND a PhD scholar at IIT Madras.

The space provides an entirely new environment that develop numerous things that are critical to life on Earth. Products that cannot be efficiently manufactured on Earth can be manufactured in space because the absence of gravity-driven phenomena such as convection and sedimentation provide a disturbance-free environment in which to grow high - quality protein crystals that aid in the fight against life-threatening diseases such as cancer. Larger tissues 3D produced in zero gravity without a support framework would revolutionize the medical business by allowing patients to receive organs from their own stem cells with no risk of immunological rejection and without having to wait for a suitable organ donation. At Inbound, they assist with the creation of these groundbreaking products in space and their return to Earth, where they provide life-changing benefits. So, they are developing a unique unmanned satellite like aircraft which can go in orbit or space for doing various bio-based experiments and pharmaceuticals products.

Below are some of the products developed by the ingenious minds from NIRMAAN



Kandy



Nikotto



Dbyt Dynamics



Students of Nirmaan

KG Venkatasubramanian Merit-cum-Means Scholarship Endowment

Two students have received scholarship from KG Venkatasubramanian Merit-cum-Means Endowment.

1. Soham Nimesh Gandhi
2. Vaishnavi Sinha

Feedback from the Beneficiaries:



Soham Gandhi

CE22B109
B. Tech, Civil Engineering
2022 Batch

CGPA: 8

Dear Sir,

"I am writing this message to express my deepest gratitude for the scholarship you have bestowed upon me. Your support and belief in my potential have not relived my family of the financial burden but also inspired me to pursue my dream with renewed determination. Thank you from the bottom of my heart."



Vaishnavi Sinha

MM22B065
B. Tech, Metallurgical and Materials Engineering
2022 Batch

CGPA: 8

Dear Sir,

"I am writing to express my deepest gratitude and appreciation for the incredible opportunity you have bestowed upon me through the scholarship granted. Your selfless contribution has lightened my financial burden and allowed me to focus wholeheartedly on my studies. I am humbled and honored to be a recipient of your scholarship. Thank you, for your belief in my potential and for giving me the opportunity to pursue my dreams."

Recollection of yesteryears...



Prof. N. V. C. Swamy & Mr. V. Shanmugam at the 29th Convocation, 1992



29th Convocation of IIT Madras, 1992



Delegates at the 29th Convocation, 1992



WE ARE GRATEFUL TO YOU!

DR. ARAVIND IMMANENI

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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