Indian Institute of Technology Madras
Office of Alumni & Corporate Relations

Celebrating the Generosity of

MR. GOPI KOTEESWARAN

IMPACT OF YOUR GIVING IN

2024

Director's Message

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.

Prof. V. Kamakoti

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 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

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.

Prof. Mahesh Panchagnula

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.
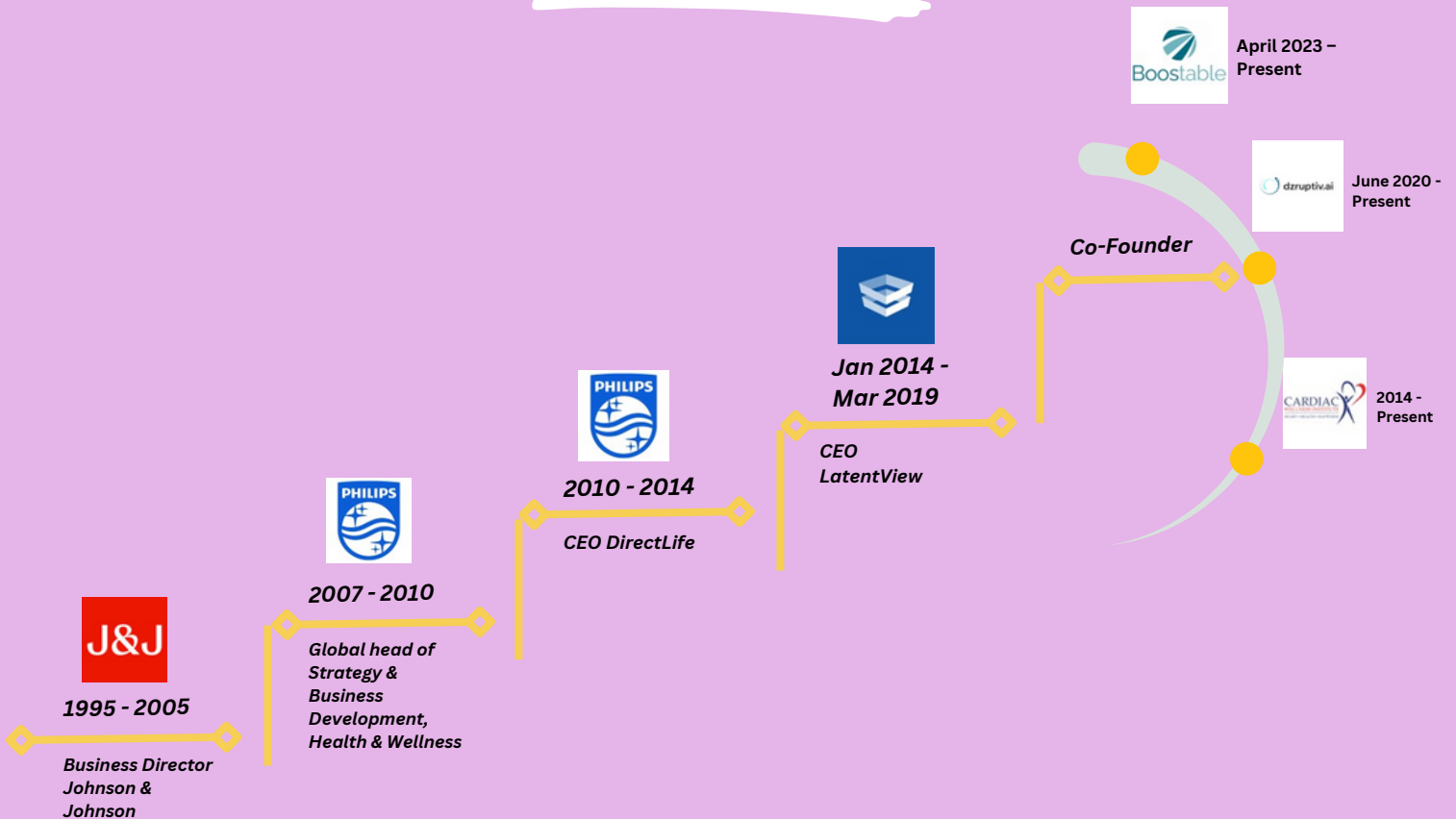
Mr. Gopi Koteeswaran
1993/BT/ME

Mr. Gopi Koteeswaran is an alumnus of IIT Madras. He completed his B. tech in Mechanical Engineering in 1993 and went on to IIM Calcutta to complete his Post Graduate Diploma in Management (1995). He also holds an MBA from IMD, Switzerland.

He is currently the co-founder of *Boostable*, an entrepreneurial investment holding active in companies addressing some of the challenges in the future of food. Aims to assist entrepreneurs & small companies in accelerating the growth of their business at Seed / Series A & Scale up stage, beyond funding.

He is also the co-founder of *Dzruptiv AI*, it stands as the vanguard in transforming businesses through cutting-edge AI and Data Science services and *Cardiac Wellness Institute*, it provides personalized lifestyle modification programs for individuals and corporates to help them prevent, control and reverse heart, lung, and metabolic diseases.

Career Trajectory

April 2023 – Present
Boostable

June 2020 - Present
dzruptiv.ai

Co-Founder

2014 - Present
CARDIAC

Jan 2014 - Mar 2019
CEO LatentView

2010 - 2014
CEO DirectLife

2007 - 2010
Global head of Strategy & Business Development, Health & Wellness

1995 - 2005
Business Director Johnson & Johnson

RBCDSAI Colloquium Series

The Robert Bosch Centre for Data Science and AI (RBCDSAI) was set up in 2017 as an outcome of the Interdisciplinary Laboratory for Data Science (ILDS), with funding from the Institute to encourage interdisciplinary research. The Centre was started to expand AI adoption in engineering applications and leverage the available expertise on network systems modelling across various Institute departments.

Glimpses of RBCDSAI LatentView Colloquium Series

ASSURED REINFORCEMENT LEARNING

Talk By

Prof. Suresh Jagannathan
Purdue University

📅 *December 2019*

META-LEARNING A ROADMAP FOR FEW-SHOT TRANSFER LEARNING

Talk By

Hugo Larochelle
GOOGLE BRAIN

📅 *October 2020*

DATA COMMONS THE OPEN KNOWLEDGE REPOSITORY

Talk By

Dr. Ramanathan Guha
Google Fellow and Vice President at Google

📅 *July 2021*

MACHINE LEARNING FOR ROBOT LOCOMOTION GROUNDED SIMULATION LEARNING AND ADAPTIVE PLANNER PARAMETER LEARNING

Talk By

Prof. Peter Stone
David Bruton, Jr. Centennial Professor
Department of Computer Science,
University of Texas, Austin, USA

📅 *September 2021*

Glimpses of RBCDSAI LatentView Colloquium Series

STOP EXPLAINING BLACK-BOX MACHINE LEARNING MODELS FOR HIGH STAKES DECISIONS. USE INTERPRETABLE MODELS INSTEAD.

Talk By

Prof. Cynthia Rudin
Professor, Duke University

📅 October 2021

SCALING GRAPH REPRESENTATION LEARNING ALGORITHMS IN AN IMPLEMENTATION AGNOSTIC FASHION

Talk By

Srinivasan Parthasarathy
Professor, Ohio State University

📅 March 2022

VEST: VULNERABILITY EXPLOITATION SCORING & TIMING

Talk By

V. S. Subrahmanian
Walter P. Murphy Professor,
Dept. of Computer Science & Buffett Faculty Fellow, Buffett Institute of Global Affairs, Northwestern University

📅 May 2022

LEVERAGING DIGITAL THERAPEUTICS FOR HEALTH LITERACY USING AN AUGMENTED INTELLIGENCE- DRIVEN SYSTEMS PERSPECTIVE

Talk By

Dr. Rema Padman
Trustees Professor of Management Science and Healthcare Informatics Heinz College of Information Systems and Public Policy at Carnegie Mellon University

📅 March 2023

Glimpses of RBCDSAI LatentView Colloquium Series

REASONING ON UNCERTAIN LEARNED DATA

Talk By

Prof. Leslie Valiant
T. Jefferson Coolidge Professor of Computer Science and Applied Mathematics, School of Engineering and Applied Sciences, Harvard University

January 2024

WHAT'S WRONG WITH LARGE LANGUAGE MODELS AND WHAT WE SHOULD BE BUILDING INSTEAD

Talk By

Prof. Thomas G. Dietterich
Distinguished Professor (Emeritus) and Director of Intelligent Systems, Oregon State University

January 2024

🌸 Based on the Colloquium Series top researchers interacted with the students and faculty.

🌸 Prof. Rema Padman is now a foreign collaborator in a proposal submitted for setting up an AI CoE on healthcare.

🌸 Prof. Srinivasan Parthasarathy is a frequent collaborator with the centre and is also a foreign collaborator in the same proposal.

🌸 IITM now hosts the India Data Commons portal as an outcome of hosting Dr. Guha. (datacommons.iitm.ac.in)

We are greatful to you & your family

MR. GOPI KOTEESWARAN

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

April 2024