



Indian Institute of Technology Madras
Office of Alumni and Corporate Relations

CELEBRATING THE GENEROSITY OF MR. SRIDHAR TAYUR

**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 in May 2023 to conjoin medicine and engineering. Similarly, a School of Sustainability was also created in October 2023 to research sustainable practices in the Global South.

The campus is moving towards a '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

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!

Sridhar R. Tayur is an American business professor, entrepreneur, and management thinker. He is university professor of operations management and Ford Distinguished Research Chair at the Tepper School of Business, Carnegie Mellon University, and the founder of SmartOps Corporation and OrganJet Corporation.

Tayur is known as an "academic capitalist," recognized for his contribution to Inventory Theory, Supply Chain Management, Lean Manufacturing, Operations Strategy, Healthcare Management, and Quantum Computing. He describes his own work as "research, industrial implementation, software entrepreneurship, investing in start-ups and turnarounds, and creating a social enterprise" that lies "in the intersection of math, money, and morals." Tayur's work "has earned him a reputation as someone uniquely talented in identifying, and then solving, novel and timely problems confronting society," according to a 2014 *Productions and Operations Management* article honoring him.

Tayur attended Hyderabad Public School, Begumpet, an elite school in the state of Telangana. He earned his B. Tech in Mechanical Engineering from IIT Madras in 1986 and Ph.D. in operations research and industrial engineering from Cornell in 1990.

He joined Carnegie Mellon in 1991 as an assistant professor in The Graduate School of Industrial Administration (GSIA) (today known as Tepper School of Business), obtained tenure in 1996, and was promoted to full professor in 1998. In 2019, he was appointed to university professor, the highest designation a faculty member can receive at Carnegie Mellon

Summary of Your Contributions Towards IIT Madras



**RAGS Family Foundation
Institute Chair**

RAGS Family Foundation Institute Chair

The RAGS Family Foundation Institute Chair is donated by Prof. Sridhar Tayur, University professor, Carnegie Mellon University. He also holds various other positions in diverse fields.

Chair Occupant



Prof. Chandrasekharan Rajendran
Department of Management Studies

Academic Background

Ph.D. in Electrical Engineering (1998) from the Indian Institute of Technology Bombay

Research Interests

- Industrial Engineering
- Production and Operations Management
- Supply Chain Management
- Operations Research Applications
- Quality Management
- Especially related to Scheduling in Manufacturing and Service Systems
- Supply Chain Network
- Inventory and Logistics Management
- Data Analytics
- Empirical Studies on Quality
- Heuristics and Meta-heuristics (such as genetic algorithms, simulated annealing and swarm intelligence)
- Simulation Modelling and Applications.

Prof. Rajendran C. has over 35 years of research and teaching experience. He was a Professor in the Department of Humanities and Social Sciences, IIT Madras and then moved to the Department of Management Studies, IIT Madras. He has published two books namely Capacitated Lot Sizing Problems in Process Industries and Total Quality Management in Higher Education: Study of Engineering Institutions.

Also Prof. Rajendran has published more than 150 papers in various international journals. His area of publications include :

- Production Planning and Scheduling
- Quality Management and Service Quality
- Supply Chain Management including Logistics and Inventory Systems
- Analytics in Manufacturing and Service Systems

Awards & Recognition

- Alexander von Humboldt (post-doctoral) Research Fellowship:
- 1996-1997, 1998, 2001, 2002, 2003,2004, 2006, 2008, 2009, 2010 and 2015. German Mentor: Prof. Dr. Hans Ziegler, University of Passau,Germany
- Research Excellence Award
- (Department of Industrial Engineering, College of Engineering, Guindy, AnnaUniversity): 2010.
- Highly Commended Award
- (Emerald Literati Network): 2009 and 2011.
- DAAD Fellowship:
- 1995 (three months) German Mentor: Prof. Dr. Hans Ziegler, University of Passau,Germany
- Recipient of the prestigious Alexander von Humboldt Research Fellowship of Germany
- – awarded by Alexander von Humboldt Stiftung of Germany.
- Selected for RAGS Family Foundation Institute Chair
- in IIT Madras in 2016
- Ranked no 1 among 1,416 faculty members
- (across all functional areas of Management) in the top 32 Business Schools in India who had published during 1968 – 2014.



WE ARE GRATEFUL TO YOU AND YOUR FAMILY MR. SHRIDAR TAYUR

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.



Indian Institute of Technology Madras,
Chennai 600036
www.iitm.ac.in

For more information, please contact:
Office of Alumni and Corporate Relations
T: +91-44-2257 8390 | www.acr.iitm.ac.in

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